

20040201.qrp v03_n183.qrl.20040201

Date: Sun, 1 Feb 2004 19:03:14 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3183

QRP-L Digest 3183

Topics covered in this issue include:

- 1) [166724] Re: Learning the code
by JClinton46@aol.com
- 2) [166725] Re: Embedded Research / TiCk Keyers Available - Link Failure
by "E. Roswell" <eroswell@monmouth.com>
- 3) [166726] Re: AZ ScQRPion Paddle Design Change
by "E. Roswell" <eroswell@monmouth.com>
- 4) [166727] Need suggestions on an intermittent bug in my QROP Meter
by "Jason Hsu" <jhs001@heronetwork.com>
- 5) [166728] Re: Koch Method
by Karl Larsen <k5di@zianet.com>
- 6) [166729] Re: Beacons *5* on 80 -- IN, TX, AZ, CA & HI [Tonight]
by "Jeff Imel" <jeffimel@hotmail.com>
- 7) [166730] Pic-el sited in California
by Mik Ishmael <mightymik2@comcast.net>
- 8) [166731] FET twinplex regen receiver
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
- 9) [166732] Re: Embedded Research / TiCk Keyers Available - Link Failure
by "James R. Duffey" <JamesDuffey@comcast.net>
- 10) [166733] PIC-EL Programer Project
by "David R. Hassall" <dhassall@zianet.com>
- 11) [166734] random wire lead in..
by sergio <sergio@village-buzz.com>
- 12) [166735] EBay Auction
by "Brian Murrey" <brian@iquest.net>
- 13) [166736] re: FET twinplex regen receiver
by "James R. Duffey" <JamesDuffey@comcast.net>
- 14) [166737] URL Failures
by "James R. Duffey" <JamesDuffey@comcast.net>
- 15) [166738] Re: FET twinplex regen receiver
by "Al McChesney, N2ZHS" <J38al@aol.com>
- 16) [166739] more antenna info...
by sergio <sergio@village-buzz.com>
- 17) [166740] Re: PIC-EL Programer Project
by "Craig Johnson" <cbjohns@cbjohns.com>
- 18) [166741] KD1JV DIGI-PWR/SWR METER -- no joy
by Kenneth Cooperstein <cprstn54@att.net>
- 19) [166742] all this talk of regens!!

- by sergio <sergio@village-buzz.com>
- 20) [166743] on the subject of swl antennas..
by sergio <sergio@village-buzz.com>
- 21) [166744] Substitute beacon for KB9ZUR
by "Mike Lyness, AF4LQ" <olyellr@iglou.com>
- 22) [166745] 80m Beacons
by "Jay Henson" <aj4ay@worldnet.att.net>
- 23) [166746] Re: Flaw in G4FON software
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 24) [166747] FS: KFL 1-2
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 25) [166748] 80m Beacons Part Deux
by "Jay Henson" <aj4ay@worldnet.att.net>
- 26) [166749] OT Frequency counter/Transmitter coupling?
by paule@sfu.ca
- 27) [166750] PIC-EL
by "richqrp" <richqrp@cox.net>
- 28) [166751] Beacons on 80
by "Bob Schreibmaier" <k3ph@ptd.net>
- 29) [166752] Re: on the subject of swl antennas..
by Bruce Muscolino <w6toy@erols.com>
- 30) [166753] OT: What Is A "ZAMBONIE"
by "James Kelley" <k4ybb@earthlink.net>
- 31) [166754] Re: OT: What Is A "ZAMBONIE"
by <n2go@arrl.net>
- 32) [166755] Re: more antenna info...
by Bruce Muscolino <w6toy@erols.com>
- 33) [166756] Re: PIC-EL
by "Craig Johnson" <cbjohns@cbjohns.com>
- 34) [166757] Re: Embedded Research / TiCK Keyers Available - Link Failure
by "Harley Miller" <hmiller106@kc.rr.com>
- 35) [166758] RE: What Is A "ZAMBONIE"
by "JBCrafts" <jbcraft@adelphia.net>
- 36) [166759] Re: OT: What Is A "ZAMBONIE"
by Ed Tanton <n4xy@earthlink.net>
- 37) [166760] Re: OT Frequency counter/Transmitter coupling?
by "George, W5YR" <w5yr@att.net>
- 38) [166761] OT: What Is A "ZAMBONIE"
by JClinton46@aol.com
- 39) [166762] It's Zamboni
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 40) [166763] RE: What Is A "ZAMBONIE"
by ham@w3eax.umd.edu
- 41) [166764] Beacon report
by "Donald Jacob" <djacob1@socal.rr.com>
- 42) [166765] ATTN: NW QRPers....Puyallup, WA Hamfest
by ARDUJENSKI@aol.com
- 43) [166766] Re: QRO, QRP and the Decibel

- by "Marshall Emm" <mgemm@ntechnologies.com>
- 44) [166767] Re: OT Frequency counter/Transmitter coupling?
by Bob Nielsen <nielsen@oz.net>
- 45) [166768] Re: on the subject of swl antennas..
by Tom Severt <n2uhc@yahoo.com>
- 46) [166769] Re: OT: What Is A "ZAMBONIE"
by "Thom R. Lacosta" <lacosta@bcpl.net>
- 47) [166770] Re: KD1JV DIGI-PWR/SWR METER -- no joy
by Steven Weber <kd1jv@moose.ncia.net>
- 48) [166771] Dick PURDIE (VK2ARP) SK
by "Ian C. Purdie" <ianpurdie@integritynet.com.au>
- 49) [166772] Re: Flaw in G4FON software
by Karl Larsen <k5di@zianet.com>
- 50) [166773] Re: PIC-EL up and running - 2 questions
by Richard Mulvey <rich@mulveyfamily.com>
- 51) [166774] Re: KD1JV DIGI-PWR/SWR METER -- no joy
by John Sielke <jsielke@pobox.com>
- 52) [166775] Re: OT Frequency counter/Transmitter coupling?
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 53) [166776] Re: Still no PIC-EL!
by Lee Mairs <lmairs@direcway.com>
- 54) [166777] Re: PIC-EL up and running - 2 questions
by "Nick Kennedy" <wa5bdu@tcainternet.com>
- 55) [166778] FS: PSK-80 Warbler
by Edwin Lappi <ae4ec@usa.net>
- 56) [166779] Re: What Is A "ZAMBONIE"
by "Howard Kraus" <K2UD@adelphia.net>
- 57) [166780] Thank you to all who replied
by "James Kelley" <k4ybb@earthlink.net>
- 58) [166781] Rockmite 20
by "COLIN WHITMORE" <cncwhitmore@msn.com>
- 59) [166782] Re: Beacons on 80
by Lloyd Lachow <llachow@yahoo.com>
- 60) [166783] Re: Dick PURDIE (VK2ARP) SK
by "Bill Jones" <kd7s@psnw.com>
- 61) [166784] On Solid-State Regens
by "Howard Kraus" <K2UD@adelphia.net>
- 62) [166785] Elmer 160 - PIC-EL development under Linux
by Richard Mulvey <rich@mulveyfamily.com>
- 63) [166786] Re: Need suggestions on an intermittent bug in my QROP Meter
by "Carr Family" <acarr@pivot.net>
- 64) [166787] Re: What Is A "ZAMBONIE"
by "Leon Heller" <leon_heller@hotmail.com>
- 65) [166788] Re: Elmer 160 - PIC-EL development under Linux
by "John J. McDonough" <wb8rcr@arrl.net>
- 66) [166789] F.S. Schurr Proffi-2 iambic paddle
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
- 67) [166790] WTB: KK7B miniR2, R2, UVF0, etc

by "Alan Fryer" <N3BJ@hotmail.com>
68) [166791] ExpressPCB software &c questions
by Nils R Young <nilsbull@juno.com>
69) [166792] 1-chip radios again & a call for intervention
by Nils R Young <nilsbull@juno.com>
70) [166793] Re: KD1JV DIGI-PWR/SWR METER -- no joy
by Lee Boulineau <n4mvl@yahoo.com>
71) [166794] Re: F.S. Schurr Proffi-2 iambic paddle
by "Oldtimer" <res075cz@gte.net>
72) [166795] Bugs for sale
by "JessMX5" <jessmx5@earthlink.net>
73) [166796] Re: F.S. Schurr Proffi-2 iambic paddle
by Ed Tanton <n4xy@earthlink.net>
74) [166797] RE: Koch Method
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
75) [166798] Re: ExpressPCB software &c questions
by "Tim, N9PUZ" <n9puz@arrl.net>
76) [166799] Re: Rockmite 20
by <bill@n4qa.com>
77) [166800] RE: Interesting item on eBay web site item# 3069098211: ALINCO DX-70
TH HF + 6 Meter Transceiver
by "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
78) [166801] Re: F.S. Schurr Proffi-2 iambic paddle
by "Oldtimer" <res075cz@gte.net>
79) [166802] Re: Need suggestions on an intermittent bug in my QROP Meter
by "Jason Hsu" <jhs001@heronetwork.com>
80) [166803] Re: Rockmite 20
by Chuck Carpenter <w5usj@9plus.net>
81) [166804] Re: Rockmite 20
by Dale Botkin <dale@botkin.org>
82) [166805] Re: 1-chip radios again & a call for intervention
by "Bruce Kizerian" <kizerian@xmission.com>
83) [166806] Les Moxon, G6XN
by w5xe@juno.com
84) [166807] Re: ExpressPCB software &c questions
by Dale Botkin <dale@botkin.org>
85) [166808] Homebrewer #2
by "Brian Murrey" <brian@iquest.net>
86) [166809] Re: GB> Les Moxon, G6XN
by w5xe@juno.com
87) [166810] dropping battery voltage for rig operation ??
by "John_Evans" <jaevans@mail.codenet.net>
88) [166811] RE: 1-chip radios again & a call for intervention
by "Sverre Holm" <svholm2@broadpark.no>
89) [166812] FS: Iambic paddle
by "John" <johndorson@worldshare.net>
90) [166813] Re: PIC-EL up and running - 2 questions
by "Craig Johnson" <cbjohns@cbjohns.com>

- 91) [166814] Re: ExpressPCB software & questions
by Brad Thompson <Brad.Thompson@valley.net>
- 92) [166815] Re: Elmer 160 - PIC-EL development under Linux
by Richard Mulvey <rich@mulveyfamily.com>
- 93) [166816] Key and QRP antenna for sale
by "JessMX5" <jessmx5@earthlink.net>
- 94) [166817] Re: 80 Meter Beacon
by Hiloarc@aol.com
- 95) [166818] RIT on the RH series of radios
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
- 96) [166819] "Super Kit Sunday" at AmQRP meetings this weekend
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 97) [166820] re: F.S Schurr paddles
by "Joseph Trombino Jr" <w2kj@bellsouth.net>
- 98) [166821] Re: "Super Kit Sunday" at AmQRP meetings this weekend
by "n3drk" <n3drk@triad.rr.com>
- 99) [166822] Re: "Super Kit Sunday" at AmQRP meetings this weekend
by "George Heron N2APB" <n2apb@clearviewcatv.net>
- 100) [166823] FS: Circuit Board Material
by Ke9xq@aol.com
- 101) [166824] Re: [qrp-l] Re: PIC-EL up and running - 2 questions
by "Craig Johnson" <cbjohns@cbjohns.com>
- 102) [166825] Elmer 160: Lesson 8
by "John J. McDonough" <wb8rcr@arrl.net>
- 103) [166826] FS: 12vdc 500 mA Power supplies
by "Brian Murrey" <brian@iquiest.net>
- 104) [166827] Beacon Report addendum
by "Donald Jacob" <djacob1@socal.rr.com>
- 105) [166828] Re: Need suggestions on an intermittent bug in my QROP Meter
by "Carr Family" <acarr@pivot.net>

Date: Sat, 31 Jan 2004 18:05:09 EST
From: JClinton46@aol.com
To: k5di@zianet.com
Cc: qrp-l@lehigh.edu
Subject: [166724] Re: Learning the code
Message-ID: <1cf.18e5523d.2d4d8ea5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 1/31/2004 7:42:54 AM Eastern Standard Time,
k5di@zianet.com writes:

<That's right they were on the map and even shown as ---.. --- .--
on the map.>

Don't remember the code being on the maps we were issued. The Navy must have used cheaper maps. <grin>

<I am going to try to get my students to deal with 40 characters from the start. A usual problem is the student who is great with 26 characters but any number or punctuation kills them.>

Karl, are you saying the students will have to learn all the sounds at once? Seems to me like that would be a killer. I have heard of sending code and having the students pick out just the ones they have learned. I guess the objective was to learn to drop a character and go on if it was not recognized immediately. It also exposed the student to similar sounds so discrimination was improved. But 40 at once?

I agree with Bob, AH7I that after learning a few characters there is a sense of accomplishment and that motivates you to do more. How long would you have to work to feel you had accomplished something if the first hurdle was 40 characters?

Sorry about sounding negative re: 40 characters at once. Perhaps I misunderstood or maybe it will work. Keep us informed. Breakthroughs often come when someone tries an unusual solution.

Good luck.
Clint
KE4FDT

Date: Sat, 31 Jan 2004 18:12:52 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [166725] Re: Embedded Research / TiCK Keyers Available - Link Failure
Message-ID: <401C3674.90301@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

For the link to the TiCK keyers -
http://www.bright.net/~kanga/kanga/embedded_research/embedded_research.htm
Clicking on it doesn't work because the whole link through
"...embedded_research.htm" is not "underlined".
Typing in the last part will take you there.
K2MGM

Date: Sat, 31 Jan 2004 18:21:08 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [166726] Re: AZ ScQRPion Paddle Design Change
Message-ID: <401C3864.4080909@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

.....However, the preferred method for tensioning
is to use a longer or heavier spring. There really isn't any need for
the hole. And besides, the arms look better without the hole....

The hole was perfect for my magnet spring replacement, as seen in pictures 1
and 4 at:

<http://www.monmouth.com/~eroswell/k2mgmpad.htm>

Some may want to use it for that, but I understand the need to cut out
"unnecessary" steps when making up 500 kits or more! That has been a
fantastic job getting these out, and it was a fun kit to put together.
73, Ed, K2MGM

Date: Sat, 31 Jan 2004 18:44:03 -0500
From: "Jason Hsu" <jhs001@heronetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166727] Need suggestions on an intermittent bug in my QROP Meter
Message-ID: <002301c3e854\$1dc2abe0\$64923144@aolidsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've posted about this problem on my Electrical Engineering Hams group
(<http://groups.yahoo.com/group/eeham/>), but I'm posting it here as well
since not all of you subscribe to my group.

I have an intermittent bug in my QROP Meter
(<http://www.jasonhsu.com/ee.html>). I've designed it so that all 10 SWR meter
LEDs are dark when I'm not transmitting. (In other words, SWR=1.) Let me
explain my current design, and then I'll get to the bug.

THE DESIGN:

Here is how the LM3914 displays the SWR:

The reflected voltage sample is fed to the SIG pin. The forward voltage sample is fed to the HI pin. The LO pin is set at 30mV. (This idea is from the QST article "A Pocket-Size, Direct-Reading VHF SWR Meter", which you can download from the ARRL web site.) In an earlier design, the LO pin was set at 0V. However, this caused various LEDs to go on and off randomly when I wasn't transmitting. The LO pin is set at 30mV so that when the SIG pin voltage is less than this (the case when not transmitting), the entire SWR display will be dark. The 30mV modestly reduces the accuracy of the SWR display at very low power levels (by about 1 LED between 200mW and 1W).

Here is why the watt display looks like it's in bar mode during SSB transmissions:

During SSB transmissions, the power levels will vary greatly within a fraction of a second, and the wattmeter display (although configured in dot mode) will appear to be in bar mode. That's because you might be transmitting at 35W at one instant, 18W at another instant, 1.1W at yet another instant, etc, and this will be reflected in the LED display. All this will happen so quickly that it will appear that several LEDs are lit up at once. This is desired.

Here is why the SWR display should appear to be in bar mode during SSB transmissions:

Suppose you're calling CQ at 18W in SSB with an SWR of 2.3. When you transmit in SSB, there will be instants when your transmitted power level is 0W. At zero power, the SWR meter will display an SWR of 1.0 (no LEDs lit up). At another instant, you'll be transmitting the full 18W. The SWR=2.3 LED will be lit up. There will be other instants at which you will be transmitting at a small fraction of a watt, and at these instants, the SWR=1.1, 1.4, and 1.8 LEDs will be lit due to the error caused by the 30mV reference voltage at the LO pin. To your naked eye, it will appear that all the first 4 LEDs (corresponding to SWRs of 1.1, 1.4, 1.8, and 2.3) are lit up simultaneously.

THE BUG:

The problem is that the SWR=infinity LED sometimes goes on when I'm NOT transmitting. Interestingly enough, disconnecting the QROP Meter from the transceiver immediately turns off the LED. Evidently, the transceiver has something to do with this. (It could be that RF picked up by the antenna/load is reflected by the transceiver and causes interference.)

THE DIAGNOSIS:

The bug is caused by RF interference. The 30mV reference voltage at the LO pin and 0V at the HI pin means that the 10 op amps are on a hair trigger, having only 3mV apiece, which is close to their offset voltages. It probably doesn't take much RF interference to cause a problem. This problem does NOT exist in the wattmeter part of the circuit because the LM3915 is

configured to respond to much greater voltages. Using more than a 30mV reference voltage at the LO pin of the LM3914 would reduce the impact of this bug but also reduce the accuracy of the SWR measurement at QRP power levels.

ATTEMPTED SOLUTIONS:

I've checked my connections, and they're all OK. I've added a 100uF decoupling capacitor to the power supply. I've added a .1uF decoupling capacitor to the LM3914 power supply leads. (Yes, the capacitor is next to the IC so as to minimize stray inductance in the RF path.) I've added .1uF decoupling capacitors to the SIG voltage and HI voltage of the LM3914 (as suggested in the application notes). But none of this was enough to eliminate the bug. I realize that using long leads in the LEDs doesn't help due to stray inductance, but the decoupling capacitors were supposed to address this, and using shorter LEDs would make my instrument more difficult to build and service. (I'm not a manufacturer.)

SOLUTIONS I HAVEN'T TRIED YET:

I'm looking for suggestions on how to remedy this bug. The possibilities:

1. Combination of log and antilog amps (though accuracy and stability could be issues)
2. Analog Devices or TI divider ICs (though expensive)
3. Other, cheaper divider ICs (Are there any?)
4. Halve the forward and reflected voltage samples (so that the 10V associated with 200W becomes just 5V) and then feed them into PICs
5. Any other suggestions?

Jason Hsu, AG4DG

<http://www.jasonhsu.com/ee.html>

<http://groups.yahoo.com/group/eeham/>

http://groups.yahoo.com/group/resume_hyperinflation_fighters/

<http://groups.yahoo.com/group/gmu-ece-control/>

Date: Sat, 31 Jan 2004 17:15:52 -0700 (MST)

From: Karl Larsen <k5di@zianet.com>

To: Darrell Bellerive <ve7cla@shaw.ca>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [166728] Re: Koch Method

Message-ID: <Pine.LNX.4.44.0401311713330.5240-1000000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 31 Jan 2004, Darrell Bellerive wrote:

> With the Koch method of learning code, is there a preferred order of

> characters to learn?

There is no preferred order. I think it helps to learn the easy characters first and then add the more difficult later.

Get the software and read the instructions. They are very good.

>
> >From what I have read, the Koch method starts with two characters, and
> then as one becomes proficient, adds one new character at a time.
>
> I have not been able to find which two characters should be learnt first
> and in what order should the rest of the characters be added?
>
> Darrell Bellerive
> VE7CLA
>
>
--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 31 Jan 2004 19:07:52 -0500
From: "Jeff Imel" <jeffimel@hotmail.com>
To: <w5usj@9plus.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166729] Re: Beacons *5* on 80 -- IN, TX, AZ, CA & HI [Tonight]
Message-ID: <BAY9-DAV7iy54DgI6bX0002422f@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The KB9ZUR beacon is down this evening due to an equipment failure.

73

Jeff

----- Original Message -----

From: "Chuck Carpenter" <w5usj@9plus.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 31, 2004 6:20 AM
Subject: Beacons *5* on 80 -- IN, TX, AZ, CA & HI [Tonight]

> QRP Folks, Reminder
>
> Five 80 meter beacons Saturday night local, Sunday morning UTC.
>
> 3728 for Dean, KH6B, in HI -- 0400 to 1600 UTC
> 3729 for Jeff, KB9ZUR, in IN -- 0000 until around 0600 UTC
> 3730 for Chuck, W5USJ, in TX -- 0200 to 0500 UTC
> 3731 for Bill, WV7G, in AZ -- 0200 to 0500 UTC
> 3732 for Trev, KG6CYN, in CA -- 02:00 to at least 07:00 UTC
>
> W5USJ/B operating from 0200 to 0500 UTC Sun Feb 1, equipment -- FT-857 at
4
> Watts, Butternut vertical and K-10 keyer.
>
> Follow up messages will be posted by the other beacon ops with their
> specifics as to operating time and equipment.
>
> To help us with creating the logs and for Bill to map the results on his
> website, please use the following report format.
>
> First Report --
>
> Time: (UTC)
> Name: (first only)
> Call: (for log)
> R/S: (readability & strength)
> Grid: (e.g., EM22cv)
> City, State
>
> Soap Box: (comments about equipment and conditions)
>
> Subsequent reports only needs time and R/S.
>
>
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>
>

Date: Sat, 31 Jan 2004 16:17:49 -0800
From: Mik Ishmael <mightymik2@comcast.net>
To: Low Discussion <qrp-l@lehigh.edu>
Subject: [166730] Pic-el sited in California

Message-ID: <11BF6303-544C-11D8-9614-000A277EDE44@comcast.net>
Mime-Version: 1.0 (Apple Message framework v553)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

they're in wide release now. got mine today.

Date: Sat, 31 Jan 2004 19:42:21 -0500
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [166731] FET twinplex regen receiver
Message-ID: <00ff01c3e85c\$40f466a0\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

Anybody notice the neat little receiver labeled:

"FET Twinplex" regen receiver on the cover of the summer 2003 copy of
Homebrewer magazine???

Sure looks nice but I haven't been able to find much about it. I tried to
Google it with no luck. The builder, KE3S doesn't have an email address
listed on the QRZ.COM database so can't contact him for info.

Anybody got any info on this little beauty????

73, Joe W2KJ
North Carolina
I QRP, therefore, I am

Date: Sat, 31 Jan 2004 18:08:45 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <eroswell@monmouth.com>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [166732] Re: Embedded Research / TiCk Keyers Available - Link Failure
Message-ID: <BC419FAD.119BC%JamesDuffey@comcast.net>
Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Enclosing URLs in bra-kets, < >, will tell your browser to ignore the line return, use them like this;

<http://www.bright.net/~kanga/kanga/embedded_research/embedded_research.htm>

which will acces the web page desired when clicked on, rather than

http://www.bright.net/~kanga/kanga/embedded_research/embedded_research.htm

which won't access the site as it has a line return in the middle which the browser doesn't recognize. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87008 DM65

Date: Sat, 31 Jan 2004 18:13:41 -0700
From: "David R. Hassall" <dhassall@zianet.com>
To: "QRP-L Reflector" <qrp-l@lehigh.edu>
Subject: [166733] PIC-EL Programer Project
Message-ID: <LPBBJDHPA0JCFJMCIBBAEELICPAA.dhassall@zianet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have my PIC-EL Programer board up and running. It was a very well done kit with an excellent PC Board. Now on to try some of the other downloads and see if I can program that pic chip that sits in the middle.

Well done AA0ZZ... You did a great JOB!!!

73.. Dave

David R. Hassall WA5DJJ
Email: dhassall@zianet.com
Website: <http://www.zianet.com/dhassall/>

Date: Sat, 31 Jan 2004 20:15:57 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-1@Lehigh.EDU
Subject: [166734] random wire lead in..
Message-ID: <6.0.1.1.2.20040131201142.01e5d198@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i am thinking about moving my operating position from my photo studio into the workshop.. the only reason i have not done it yet is that i have a fish tank sitting where i need to put it.. i will move that tomorrow..

my question is..

my current operating position is right next to the window.. not even a few feet away..

what i would have to do for the new position is run that wire about ten or fifteen feet..

up a wall, across a cieling, and out a window..

will this cause an rf problem or do anything else bad?

i plan on using both the k1 and the ts-520s with this, so the power could get up to 100w...

is this an acceptable configuration?

thanks!

peace,
...sergio
photographer, journalist, visionary

www.village-buzz.com <- read my blog
www.coffee-black.com <- my photography

Date: Sat, 31 Jan 2004 20:21:14 -0500

From: "Brian Murrey" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>, "Flying Pigs" <fpqrp-l@fpqrp.com>
Subject: [166735] EBay Auction
Message-ID: <005101c3e861\$aafc411c0\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just saw a Tac 1 for sale....don't see too many of them these days.

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3075465912&category=48702>

FYI

=====
Agnus dei, qui tollis peccata mundi, dona nobis Pacem.
=====
KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w
Member of the ARRL - SOC #400
FISTS 5695 CC 764 FPQRP #-57
=====

Date: Sat, 31 Jan 2004 18:27:29 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <w2kj@bellsouth.net>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [166736] re: FET twinplex regen receiver
Message-ID: <BC41A411.119BE%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Joe-This is a version of a classic tube regenerative receiver called the Twinplex. A book containing the initial version, built with a 19 dual triode, as well as an updated tube version, and a solid state FET version can be found at:

<<http://www.lindsaybks.com/bks/twin/>>

You can also find a reference to it in the QRP-L archives:

<<http://qrp.kd4ab.org/1998/980817/0062.html>>

I hope that this is what you are looking for. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87008 DM65

Date: Sat, 31 Jan 2004 18:31:21 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [166737] URL Failures
Message-ID: <BC41A4F9.119C1%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Sorry about my earlier post. When I cut and pasted the URL, I included the line return, hence defeating my original purpose.

<http://www.bright.net/~kanga/kanga/embedded_research/embedded_research.htm>

should work, even if your browser splits it between lines. Again sorry. -
Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87008 DM65

Date: Sat, 31 Jan 2004 20:56:42 -0500
From: "Al McChesney, N2ZHS" <J38al@aol.com>
To: qrp-l@lehigh.edu
Cc: w2kj@bellsouth.net
Subject: [166738] Re: FET twinplex regen receiver
Message-ID: <401C5CDA.6020005@aol.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

Joe,

I believe that might be from the book "How to build the Twinplex Regenerative Receiver" by T. J. Lindsay (# 22148). The 'original'

twinplex used a # 19 duodiode tube. Near the back of the book are schematics and plans for a few solid state regens, one using two MPF-102's. You can check out the Lindsay books at
< <http://www.lindsaybks.com> > There are quit a few on radio circuits.

73, Al N2ZHS
Scotia, NY

<< Subject: FET twinplex regen receiver
From: Joseph Trombino Jr (w2kj@bellsouth.net)
Date: Sat Jan 31 2004 - 19:42:21 EST

Next message: James R. Duffey: "Re: Embedded Research / TiCk Keyers Available - Link Failure"
Previous message: Mik Ishmael: "Pic-el sited in California" Howdy Gang:

Anybody notice the neat little receiver labeled:

"FET Twinplex" regen receiver on the cover of the summer 2003 copy of Homebrewer magazine???

Sure looks nice but I haven't been able to find much about it. I tried to Google it with no luck. The builder, KE3S doesn't have an email address listed on the QRZ.COM database so can't contact him for info.

Anybody got any info on this little beauty????

73, Joe W2KJ
North Carolina
I QRP, therefore, I am >>

Date: Sat, 31 Jan 2004 20:58:40 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-1@Lehigh.EDU
Subject: [166739] more antenna info...
Message-ID: <6.0.1.1.2.20040131205616.01e12130@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

i left out some important tidbits, i think..

antenna systems is as follows..

antenna - going to be an 88 foot length of wire..

tuner.. mfj intellituner

rf ground.. mfj artificial ground with three counterpoises attached for 10m neighborhood, 20m neighborhood, and 80m neighborhood.. works great!

radios.. hw-8, k1, ts-520 ..

thanks!

peace,
...sergio
photographer, journalist, visionary

www.village-buzz.com <- read my blog
www.coffee-black.com <- my photography

Date: Sat, 31 Jan 2004 20:23:49 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <dhassall@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166740] Re: PIC-EL Programmer Project
Message-ID: <001b01c3e86a\$6e090c50\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Thanks very much for the kind words, Dave. I'm glad it is working well.
Now I'm waiting to see some neat PIC projects come to life.
72,
Craig, AA ZZ

----- Original Message -----
From: "David R. Hassall" <dhassall@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 31, 2004 7:13 PM
Subject: PIC-EL Programmer Project

> I have my PIC-EL Programmer board up and running. It was a very well done
> kit
> with an excellent PC Board. Now on to try some of the other downloads and
> see if I can program that pic chip that sits in the middle.
>
> Well done AA0ZZ... You did a great JOB!!!
>
> 73.. Dave
>
> David R. Hassall WA5DJJ
> Email: dhassall@zianet.com
> Website: <http://www.zianet.com/dhassall/>
>
>

Date: Sat, 31 Jan 2004 21:29:18 -0500
From: Kenneth Cooperstein <cprstn54@att.net>
To: unlisted-recipients:; (no To-header on input)
Cc: qrp-l@Lehigh.EDU
Subject: [166741] KD1JV DIGI-PWR/SWR METER -- no joy
Message-ID: <401C647E.4090407@att.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1; format=flowed
Content-transfer-encoding: 7BIT

The kit came today and I put it together. L1 did not light when I added the two AAA batteries to their holders fir calibration.

Anyone have better luck?

Ken KC2JDY

Date: Sat, 31 Jan 2004 21:41:53 -0500
From: sergio <sergio@village-buzz.com>
To: qrp-l@Lehigh.EDU
Subject: [166742] all this talk of regens!!
Message-ID: <6.0.1.1.2.20040131213827.01e99b58@mail.neobright.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

dang you guys!

i ordered that book on building tube regens..

this one..

<http://www.lindsaybks.com/bks/vtrcvr/index.html>

but i would like to build one that i don't have to scrounge for parts in the meantime..

i looked at a bunch of kits.. and the coolest one looks like the ten-tec..

this one..

<http://www.tentec.com/Tk1253.htm>

but.. before i did that .. i wanted to make sure that there were not clubs out there who were offering a similar kit.. or one that would be just as useful.. i wanna make sure i help keep the clubs well funded..

any input on my choices?

thanks!

peace,

...sergio

photographer, journalist, visionary

www.village-buzz.com <- read my blog

www.coffee-black.com <- my photography

Date: Sat, 31 Jan 2004 21:52:00 -0500

From: sergio <sergio@village-buzz.com>

To: qrp-1@Lehigh.EDU

Subject: [166743] on the subject of swl antennas..

Message-ID: <6.0.1.1.2.20040131214359.01e96bc0@mail.neobright.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

since i will be..

moving my hf rig into the workshop..

i would like to keep a shortwave receiver in the studio..

i currently have a grundig yb-400pe that i use as an all around receiver..
it is a good radio, but here's the problem..

it came with a spool of wire retractable antenna.. one day, as i was
vacuuming, the connector got sucked up in the vacuum.. it was torn CLEAN
off... i was gonna just solder it back on, but the connector and the wire
were torn to shreds..

i saw the one they had at radio shack.. i was gonna get it as a
replacement.. but, it seemed like it was just a spooled up wire with a
connector for the end of the antenna..

if this was the case, i could do this on my own, since i don't travel with
the radio..

what i was gonna do was just solder a long wire onto a 1/8" connector, and
plug it into the radio's antenna port.. or, easier yet, just alligator clip
it to the external antenna a la radio shack..

would this be an acceptable way to hook this sucker up?

thanks in advance..

peace,

...sergio

photographer, journalist, visionary

www.village-buzz.com <- read my blog

www.coffee-black.com <- my photography

Date: Sat, 31 Jan 2004 21:58:51 -0500

From: "Mike Lyness, AF4LQ" <olyellr@iglou.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [166744] Substitute beacon for KB9ZUR

Message-ID: <5.1.0.14.1.20040131215306.00a201e0@mail.iglou.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

After receiving the go-ahead from Chuck, W5USJ, I've set up a beacon on 3.729, filling in for Jeff, KB9ZUR.

QTH is Louisville, Ky. and am running a K2 at 4 watts to an end-fed inverted-L, 40ft vertical by 90ft horizontal.

Will run from 0300u until at least 0600u, maybe later if things stay cool and the coffee stays warm.

Thanks es 73,
Mike, af4lq

Date: Sat, 31 Jan 2004 21:03:56 -0600
From: "Jay Henson" <aj4ay@worldnet.att.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [166745] 80m Beacons
Message-ID: <BNEPJEFBCHHJONFNPKOFCEJMCBAA.aj4ay@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Rig is K2, ant is 300 ft loop up 40 feet.

Preliminary reports on 80m beacons:

W54USJ - copied EM22cv
0219 UTC
Jay
AJ4AY
579
EM50vp
Mobile, AL

WV7G - copied DM42ne
0227 UTC
Jay
AJ4AY
339 -
EM50vp
Mobile, AL

KG6CYN - very weak signal but can hear it - copy is poor
0238 UTC
Jay
AJ4AY
229
EM50vp
Mobile, AL

I will be looking for Dean KH6B at 0400. Unless conditions improve, chances are slim to zilch, but will give it a try.

Jay
AJ4AY
Mobile, AL
QRP-L 1372, FP -115

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.576 / Virus Database: 365 - Release Date: 1/30/2004

Date: Sat, 31 Jan 2004 18:14:50 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: k5di@zianet.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166746] Re: Flaw in G4FON software
Message-ID: <00d501c3e869\$2cbd27f0\$38fea8c0@TREVORMAINPC>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

I agree with George on this 100%! If you are going to take the time to teach someone CW and they are going to take the time to learn it, then make it a useful skill for them. 3 WPM is useless, and there's no way that you could hear the rhythm of the code at that speed. Anything under 15 WPM shouldn't be taught. You'd be amazed at how fast they would pick up the rhythm and sounds at 15 WPM or higher...

Good luck with the class...

73's Trev - KG6CYN

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "Karl Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, January 30, 2004 7:19 PM

Subject: Flaw in G4FON software

>
> I must rewrite my instructions because the software will not
> function with a character rate of 15 wpm and a word rate of 1 wpm. So
> what I will do is start at 3 wpm and hope they can still learn the
> characters!
>
> --
>
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -
>
>

Date: Sat, 31 Jan 2004 22:16:51 -0500

From: "Lawrence Makoski" <Makos327@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"Flying Pigs" <fpqrp-1@fpqrp.com>

Subject: [166747] FS: KFL 1-2

Message-ID: <014e01c3e871\$d6d13850\$e6d14b0c@larrysahyqy001>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Before I put it on eBay:

I have a KFL 1-2 for a K1. It is for the 80 and 17 Meter bands. It is brand new, unbuilt and still in its' original Elecraft baggie. I was going to build it for my K1; but I am so happy with it the way it is now!

\$50.00 gets it to anywhere in the lower 48. Please respond off list(s).

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net

<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

Date: Sat, 31 Jan 2004 21:31:15 -0600
From: "Jay Henson" <aj4ay@worldnet.att.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [166748] 80m Beacons Part Deux
Message-ID: <BNEPJEFBCHHJONFNPKOFMEJNCBAA.aj4ay@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Still no copy on KG6CYN.

AF4LQ/B copied EM78
0325 UTC
Jay
AJ4AY
559 - good copy with QSB
EM50vp
Mobile, AL

Jay
AJ4AY
Mobile, AL
QRP-L 1372, FP -115

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.576 / Virus Database: 365 - Release Date: 1/30/2004

Date: Sat, 31 Jan 2004 19:36:07 -0800
From: paule@sfu.ca
To: elecraft@mailman.qth.net, qrp-1@Lehigh.EDU

Subject: [166749] OT Frequency counter/Transmitter coupling?
Message-ID: <200402010336.i113a7PT008950@rm-rstar.sfu.ca>
Content-Type: text/plain
Content-Disposition: inline
Content-Transfer-Encoding: binary
MIME-Version: 1.0

I was wondering how others couple the output of a transmitter to a frequency counter? I have had occasion to need to verify a transmitter's frequency when the digital readout was suspect.

I seem to remember some using a T connector with the center conductor pin removed in order to prevent blowing the front end of the counter.

Also, I guess one could take a couple of turns of wire wrapped around the output coax.

Any other suggestions?

cheers, Paul - VA7NT ex VE7CQK - email: paule@sfu.ca
"Those who hear not the music. . . think the dancers mad."

Date: Sat, 31 Jan 2004 19:44:02 -0800
From: "richqrp" <richqrp@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166750] PIC-EL
Message-ID: <000801c3e875\$a2626180\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello to the group..

nothing but good news here.. just loaded both the VFO and the software Hex to a new 16f84a... all works great!!! I just want to re-thank all that have had anything to do with this project. I am the kind that will try something and sometimes it comes out right and most of the time, it sits on a shelf somewhere waiting for me to revisit.. but from the start of this project and the daughtercard, I have just taken my time and kept plugging away.. the kit and the instructions have been something that even I can follow.. and the end product is working and working great!!! once again, thanks to all that have had any part of this project. you have given even people like me a little more confidence in building..

...73's, Rich

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [166752] Re: on the subject of swl antennas..
Message-ID: <401C77CC.D64B35CF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sergio,

There is nothing special about an antenna for RECEIVING. You can use almost any length of wire that you can find stuffed into the antenna receptacle.

I have an Icom R-71 that I use in my workshop and I use a 4 foot test wire as its antenna. I also have a Kenwood R-820 there that I used about 15 feet of wire run along the window tops.

I have used substitute antennas for receiving for over 30 years. Receivers generally have excess gain, especially through say 12 mHz so they can stand short antennas. Receivers generally don't have input impedance issues so a short end fed, which is what it is, doesn't cause problems. And if you're listening to SWBC stations, you are listening to very strong signals.

Bruce

Date: Sat, 31 Jan 2004 23:02:34 -0500
From: "James Kelley" <k4ybb@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [166753] OT: What Is A "ZAMBONIE"
Message-ID: <410-220042014234469@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

I know this is off topic but could someone tell me what a "ZAMBONIE" or maybe it is "ZAMBONEY", any how what or who is it PLEASE !! Thanks for the space and thanks for the answer. 73 Jim K4YBB

James Kelley
k4ybb@earthlink.net
Why Wait? Move to EarthLink.

Date: Sat, 31 Jan 2004 23:24:15 -0500 (EST)
From: <n2go@arrl.net>
To: James Kelley <k4ybb@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166754] Re: OT: What Is A "ZAMBONIE"
Message-ID: <Pine.LNX.4.33.0401312322150.21461-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

An ice resurfacers. It has a scraper to smoothe the ice and it spreads a film of water to fill imperfections. It is driven around on the skating rinks and at hockey games.

73,

Jim n2go

On Sat, 31 Jan 2004, James Kelley wrote:

> I know this is off topic but could someone tell me what a "ZAMBONIE" or
> maybe it is "ZAMBONEY" , any how what or who is it PLEASE !! Thanks for
> the space and thanks for the answer. 73 Jim K4YBB
>
>
>
> James Kelley
> k4ybb@earthlink.net
> Why Wait? Move to EarthLink.
>
>
>

Date: Sat, 31 Jan 2004 23:12:36 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: sergio@village-buzz.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [166755] Re: more antenna info...
Message-ID: <401C7CB4.5D57AD69@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

sergio

>

> i left out some important tidbits, i think..

>

Were? You have settled in a good length. Most of the other stuff is really only impatient to you.

A note about the Artificial Ground. If you are planning to use resonant counterpoises you really don't need the Artificial Ground. I don't know where you plan to run them and what you intend for separation, but the Artificial Ground will tune a 12 to 15 foot piece of wire in all frequencies very well. I use a 12 foot wire laying on the floor.

Think about it, you may be making more work for yourself.

Bruce

Date: Sat, 31 Jan 2004 22:21:26 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <richqrp@cox.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166756] Re: PIC-EL
Message-ID: <00bc01c3e87a\$dc1f5180\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Rich,

> Hello to the group..

> nothing but good news here.. just loaded both the VFO and the
> software Hex to a new 16f84a... all works great!!! I just want to
> re-thank all that have had anything to do with this project. I am the kind
> that will try something and sometimes it comes out right and most of the
> time, it sits on a shelf somewhere waiting for me to revisit.. but from the
> start of this project and the daughtercard, I have just taken my time and
> kept plugging away.. the kit and the instructions have been something that
> even I can follow.. and the end product is working and working great!!!
> once again, thanks to all that have had any part of this project. you have
> given even people like me a little more confidence in building..

Good going! I'm very glad to hear it is working well for you.

Now the real fun begins! Be sure to let us know about the new PIC projects

you build with your new knowledge.

72,
Craig, AA ZZ

Date: Sat, 31 Jan 2004 22:42:03 -0600
From: "Harley Miller" <hmliller106@kc.rr.com>
To: <eroswell@monmouth.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166757] Re: Embedded Research / TiCK Keyers Available - Link Failure
Message-ID: <005601c3e87d\$bd2ffa60\$9590a318@mydomain.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When you have a long address, you can tie it together, even if it wraps, by enclosing it in < > brackets. Example:

<http://www.bright.net/~kanga/kanga/embedded_research/embedded_research.htm>

even if it wraps, it is still clickable.

Harley

----- Original Message -----
From: "E. Roswell" <eroswell@monmouth.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 31, 2004 5:12 PM
Subject: Re: Embedded Research / TiCK Keyers Available - Link Failure

> For the link to the TiCK keyers -
> http://www.bright.net/~kanga/kanga/embedded_research/embedded_research.htm
> Clicking on it doesn't work because the whole link through
> "...embedded_research.htm" is not "underlined".
> Typing in the last part will take you there.
> K2MGM
>
>

Date: Sat, 31 Jan 2004 23:45:26 -0500
From: "JBCrafts" <jbcraft@adelphia.net>
To: <k4ybb@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166758] RE: What Is A "ZAMBONIE"
Message-ID: <AGEJJBFPLHMOECFDINOEEHENAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would not expect someone from FLORIDA to know... but a Zamboni machine resurfaces ICE.... it is used at skating rinks. During half time at a hockey game, some people get a bigger thrill watching the Zamboni Machine driver - I know that when the Cincinnati Swords were still in business, the driver usually WAS the show...

Date: Sat, 31 Jan 2004 23:52:50 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: k4ybb@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166759] Re: OT: What Is A "ZAMBONIE"
Message-ID: <6.0.1.1.2.20040131234423.01ceb948@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Jim... a "ZAMBONIE" is either
1) an odd snowman figurine;
2) a Michigan power rock group "with a twist of Swedish flavor";
3) Something to do with ORACLE Report processing;
or, MOST LIKELY:
4) the machine you see riding around refinishing the ice at hockey games, or skating events. It is named for it's inventor.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by

Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."

--Mark Twain

Date: Sat, 31 Jan 2004 22:58:05 -0600
From: "George, W5YR" <w5yr@att.net>
To: <paule@sfu.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166760] Re: OT Frequency counter/Transmitter coupling?
Message-ID: <0fb601c3e880\$0534f340\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Use a T-connector. Solder a piece of #12 solid wire about an inch or so long into the center pin of a PL-259. Place a length of plastic tubing or "spaghetti" over the wire to insulate it. Use a scope probe to clip over the insulation and connect to the counter or scope. This pF or two of coupling capacitance is adequate to drive an instrument even at the 5-watt QRP level.

73, George W5YR
w5yr@att.net

----- Original Message -----

From: <paule@sfu.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, January 31, 2004 9:36 PM
Subject: OT Frequency counter/Transmitter coupling?

> I was wondering how others couple the output of a transmitter to
> a frequency counter? I have had occasion to need to verify a
> transmitter's frequency when the digital readout was suspect.
>
> I seem to remember some using a T connector with the center conductor
> pin removed in order to prevent blowing the front end of the counter.
>
> Also, I guess one could take a couple of turns of wire wrapped around
> the output coax.
>
> Any other suggestions?
>
> cheers, Paul - VA7NT ex VE7CQK - email: paule@sfu.ca
> "Those who hear not the music. . . think the dancers mad."

Date: Sun, 1 Feb 2004 00:11:35 EST
From: JClinton46@aol.com
To: qrp-1@lehigh.edu
Subject: [166761] OT: What Is A "ZAMBONIE"
Message-ID: <d5.4274fd2.2d4de487@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Several choices.

I think there is a mid-west college band named Zambonie.

You are probably refering to Zamboni, the trade name of a large ice resurfacing machine. If you watch hockey or ice skating you will periodically see a large box shaped machine come onto the ice. As it quickly passes around the rink it shaves a thin layer of ice off the surface and leaves a very thin layer of cold water that quickly freezes. This leaves a nice fresh surface for the skaters that follow. I think there are other manufacturers of ice resurfacers but Zamboni was the first and like Kleenex and Coke, the name has become synomous with "ice resurfacer".

It is pronounced zam BONE knee (or close. Language experts feel free to correct.)

I also think there is an Italian dessert with a similar name.

Hope this is what you were looking for.

73

Clint Poss

KE4FDT

Date: Sun, 01 Feb 2004 00:25:43 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: "James Kelley" <k4ybb@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166762] It's Zamboni
Message-ID: <401C4787.28732.2AE9084B@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

As probably the only Zamboni driver on the list (yes - I really do drive the Zam at the local rink!) I can confirm that the other answers on the list are correct, but it is spelled Zamboni.

Check it out at www.zamboni.com

If you need details, contact me off the list.

For the QRP content - I hope to someday run mobile from the zam with one of my rigs and a DK9SQ mast when we are outside dumping the snow after doing the ice. It will be a quick operation!

> I know this is off topic but could someone tell me what a
"ZAMBONIE" or
> maybe it is "ZAMBONEY" , any how what or who is it PLEASE !! Thanks for
> the space and thanks for the answer. 73 Jim K4YBB
>
>
>
> James Kelley
> k4ybb@earthlink.net
> Why Wait? Move to EarthLink.
>
>

73 - Bill - N8ET
Kanga US
kanga@bright.net
<http://www.kangaus.com>

419-423-4604 (Kanga)
419-423-5643 (home)

Date: Sun, 1 Feb 2004 01:18:13 -0500 (EST)
From: ham@w3eax.umd.edu
To: JBCrafts <jbcraft@adelphia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [166763] RE: What Is A "ZAMBONIE"
Message-ID: <Pine.LNX.4.44.0402010115130.15419-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Actually, many of the machines out there today are made by Olympia.
Zamboni was the originator's name and he had a company of the same name
that resurfaced skating rinks (prior to that you had to use warm water and
somehow smooth it, which was, shall we say, challenging, sort of like an
actual frozen pond).

Kind of like Kleenex - synonymous with tissue. All Kleenexes are tissues
but all tissues are not Kleenexes. All Zambonis are ice resurfacers but
not all ice resurfacers are Zambonis.

As for rinks, I've found more and better rinks in south Florida than I did
in the DC area, or pretty much anywhere else I've been for that matter
(haven't been to North Dakota though).

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

On Sat, 31 Jan 2004, JBCrafts wrote:

> I would not expect someone from FLORIDA to know... but a Zamboni machine
> resurfaces ICE.... it is used at skating rinks. During half time at a hockey
> game, some people get a bigger thrill watching the Zamboni Machine driver -
> I know that when the Cincinnati Swords were still in business, the driver
> usually WAS the show...
>
>
>

Date: Sat, 31 Jan 2004 22:23:07 -0800
From: "Donald Jacob" <djacob1@socal.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166764] Beacon report
Message-ID: <003801c3e88b\$dc495f00\$6501a8c0@socal.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not much in the way of propagation, was hoping to hear Hawaii, but no go so far. Only beacon heard was Trevor.

First Report --

Time: 06:10 2/1/04 (UTC)
Name: Don (first only)
Call: WB5EKU (for log)
R/S: 5-4 to 5-7(readability & strength)
Grid: DM04sg(e.g., EM22cv)
City, State
North Hills, CA (San Fernando Valley)

Date: Sun, 1 Feb 2004 02:21:37 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Cc: emtech@steadynet.com, BHam379627@aol.com
Subject: [166765] ATTN: NW QRPers....Puyallup, WA Hamfest
Message-ID: <142.21920ed6.2d4e0301@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I want to make QRPers in the Pacific NW aware that there is going to be a gathering of QRP operators at the Puyallup, WA Hamfest on 06 March. The QRP operators here seem to be fairly spread out making it difficult to maintain an organized club. It is our hope that if this works out to make Puyallup an annual meeting for QRP operators. For those not familiar with Puyallup, it is about 30miles SE of Seattle.

At present we are slated to have a representative from ELECRAFT at the show and making a technical presentation. Additionally Bruce Prior N7RR (Mr. QRP Backpacker) will be making presentation also. As you know Bruce has reviewed many of the newer QRP radios for the various publications. We will possibly have

one more speaker.

In addition to the technical sessions we plan to have an operating QRP station outdoors. With the typical NW weather we may have to locate them inside a liferaft if the rains continue (smile).

I would like to extend a warm welcome to QRP operators in Canada, Oregon and Idaho. For more details see:
<http://www.mikeandkey.com/flea.htm>

Generally you will find many QRP related companies like SGC, ICOM, EMTECH and have often seen the Buddipole and Paddlette Co represented in the past.

Through this gathering I hope we can help to establish some friendships and help folks find operators in their respective area so they can get together for Coffee and Pie and some good eyeball QSOs.

To keep abreast of local chatter please feel free to drop in at pQRP group on Yahoo. Don't need to be a member just cookies to read the messages. Note you do not have to REGISTER with Yahoo to get on the mailing only SUBSCRIBE. Any problems subscribing contact Terry WX7S at wx7s@cfsystems.org

I am posting this early so you can make plans accordingly. Please pass along to your local QRPers. Looking forward to meeting a lot of friendly faces. I am really excited about this year's show.....73

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Sun, 01 Feb 2004 00:43:44 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qRP-L@lehigh.edu
Subject: [166766] Re: QRO, QRP and the Decibel
Message-ID: <401C4BC0.14362.2D881E6@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Nelson said--

>>So, just because someone wants to waste some watts
doesn't mean that it is necessarily wrong or inappropriate.<<

Au contraire, my friend! Any way you look at it, if someone is wasting watts then he or she is in violation of Part 97. Section 313a to be precise.

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

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<http://www.MorseX.com>

<http://www.ohr.com>

(303)752-3382

--

Date: Sun, 1 Feb 2004 01:27:33 -0800

From: Bob Nielsen <nielsen@oz.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [166767] Re: OT Frequency counter/Transmitter coupling?

Message-ID: <20040201092733.GB29413@bob>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

On Sat, Jan 31, 2004 at 07:36:07PM -0800, paule@sfu.ca wrote:

> I was wondering how others couple the output of a transmitter to

> a frequency counter? I have had occasion to need to verify a

> transmitter's frequency when the digital readout was suspect.

>

> I seem to remember some using a T connector with the center conductor

> pin removed in order to prevent blowing the front end of the counter.

>

> Also, I guess one could take a couple of turns of wire wrapped around

> the output coax.

>

> Any other suggestions?

I installed a BNC connector on the side of the case of my MFJ dummy load with a short length of wire bent 90 degrees just as it comes out of the connector (parallel to the load resistor). There is enough coupling for my counter to trigger, even at 5 watts.

73, Bob N7XY

Date: Sun, 1 Feb 2004 01:49:05 -0800 (PST)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166768] Re: on the subject of swl antennas..
Message-ID: <20040201094905.52748.qmail@web9607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Sergio,

You might try building a simple inductive coupling antenna that I built for my Sony 2010. I had a problem with images when using a wire antenna plugged into the antenna jack, so came up with this plan. It works great and I don't get images any more.

<http://www.geocities.com/n2uhc/portablewire.html>

=====

Tom Severt N2UHC
Frontenac, KS
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! SiteBuilder - Free web site building tool. Try it!
<http://webhosting.yahoo.com/ps/sb/>

Date: Sun, 1 Feb 2004 06:47:02 -0500 (EST)
From: "Thom R. Lacosta" <lacosta@bcpl.net>
To: JClinton46@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166769] Re: OT: What Is A "ZAMBONIE"
Message-ID: <Pine.GS0.4.58.0402010646030.26958@mail>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 1 Feb 2004 JClinton46@aol.com wrote:

>
> I also think there is an Italian dessert with a similar name.

May have been the French confection "Bisque Zambonie".

Thom

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon
<http://www.tlchost.net/> Web Hosting as low as 3.49/month

Date: Sat, 31 Jan 2004 23:34:32 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: cprstn54@att.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166770] Re: KD1JV DIGI-PWR/SWR METER -- no joy
Message-ID: <3.0.6.32.20040131233432.007b3c20@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>The kit came today and I put it together. L1 did not light when I added
>the two AAA batteries to their holders fir calibration.

>
Shoot! I got the LED orientation wrong on the layout diagram!!!
SHORT lead goes towards the flat on the componet screen.

Ken, you'll have to flip all the LEDs around the other way. Sorry about
this major blunder :-((

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 01 Feb 2004 22:57:21 +1100
From: "Ian C. Purdie" <ianpurdie@integritynet.com.au>
To: "glowbugs@piobaire.mines.uidaho.edu"
<glowbugs@piobaire.mines.uidaho.edu>,
Subject: [166771] Dick PURDIE (VK2ARP) SK
Message-ID: <401CE9A1.FC993363@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

I've created a page in tribute to my dad VK2ARP

<http://www.electronics-tutorials.com/dick-purdie-vk2arp.htm>

72/73's

Ian C. Purdie

Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'

VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91

<http://www.electronics-tutorials.com/>

Date: Sun, 1 Feb 2004 05:34:11 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Trevor Jacobs <kg6cyn@softhome.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166772] Re: Flaw in G4FON software
Message-ID: <Pine.LNX.4.44.0402010530310.4716-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 31 Jan 2004, Trevor Jacobs wrote:

> Karl,
>
> I agree with George on this 100%! If you are going to take the time to teach
> someone CW and they are going to take the time to learn it, then make it a
> useful skill for them. 3 WPM is useless, and there's no way that you could
> hear the rhythm of the code at that speed. Anything under 15 WPM shouldn't
> be taught. You'd be amazed at how fast they would pick up the rhythm and
> sounds at 15 WPM or higher...

Sounds great Trev. I could not agree more fully! Just two things
make this impossible. I have 3 weeks to do this in, and I have already
tried starting the new student at 15 wpm. It was a total disaster!

>
> Good luck with the class...
>
> 73's Trev - KG6CYN
> <http://www.qsl.net/kg6cyn>
>
> ----- Original Message -----
> From: "Karl Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Friday, January 30, 2004 7:19 PM
> Subject: Flaw in G4FON software
>
>
> >
> > I must rewrite my instructions because the software will not
> > function with a character rate of 15 wpm and a word rate of 1 wpm. So
> > what I will do is start at 3 wpm and hope they can still learn the
> > characters!
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> >
> >
>
>
>
--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 01 Feb 2004 08:51:27 -0500
From: Richard Mulvey <rich@mulveyfamily.com>
To: "John J. McDonough" <wb8rcr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166773] Re: PIC-EL up and running - 2 questions
Message-ID: <1075643487.24546.2.camel@shuttle>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Fri, 2004-01-30 at 19:46, John J. McDonough wrote:
> ----- Original Message -----
> From: "Brian Riley (maillist)" <n1bq_list@wulfdn.org>
> Subject: PIC-EL up and running - 2 questions
>
>

And there's another one up and running in Rochester, NY!

> > Test point "TPA-Vpgm" measures 11.58 volts when there is 12.72 volts at
> the

> > input., I checked over by R6 and right at D5, 11.58 volts each time ... Is
> > this OK or is the zener "off" ???
>
> Close enough for government work.

Interesting - I also have 11.58 volts, at TPA, with a 13.8V supply.
Everything seems to check out, though. From what I see, the processor
requires only 10V to initiate a programming cycle, so that should be OK.

Kudos to everyone on the NJ-QRP crew who kitted the PIC-EL - it's a
nice piece of work!

- Rich

--
Richard Mulvey <rich@mulveyfamily.com>

Date: Sun, 01 Feb 2004 09:01:28 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [166774] Re: KD1JV DIGI-PWR/SWR METER -- no joy
Message-ID: <401D06B8.4020609@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I am just happy to hear they are shipping. Will be watching the mailbox!

John W2AGN

Date: Sun, 1 Feb 2004 07:41:42 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [166775] Re: OT Frequency counter/Transmitter coupling?
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734EE2@az33exm05.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

You can couple directly to the coax by using a capacitor divider. Use a 5 pf to the coax, then a 220 pf to ground from that 5 pf output. This will form a 40:1 voltage divider. You can pick the output for the counter off the junction of the two caps. 5w is 22v pk or 44v pk-pk. This will give you about 1v pk-pk from the junction, somewhat less than 1 mW.

The SSS frequency counter, I found I count get a count just by attaching two feet of wire and picking up my transmit signal over the air.

- Dan, N7VE

Date: Sun, 01 Feb 2004 10:07:32 -0500
From: Lee Mairs <lmairs@direcway.com>
To: rattray@accesscomm.ca,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166776] Re: Still no PIC-EL!
Message-ID: <006301c3e8d5\$207bacc0\$6702a8c0@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

None in WBGV either, and we haven't had blizzards...
73 de Lee
km4yy/8

----- Original Message -----
From: "rattray" <rattray@accesscomm.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 31, 2004 10:06 AM
Subject: RE: Still no PIC-EL!

> No PIC-EL here as well John...but then I always receive "goodies" later
> being "up here"...we had a blizzard all day yesterday so if you would
> like to pass the time and get some fresh air too, come on up and help me
> dig out John!...first time I ever had a problem getting our front door
> opened because of all the snow...hihi...for most of yesterday the police
> had all the roads in & out of Regina blocked off because of the 4 ft to
> 6 ft snow drifts on the roads...but overall, it hasn't been a bad winter
> this time around...72 - Bruce ve5rc/ve5qrp
>

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
> Of John

> Sent: Friday, January 30, 2004 7:19 PM
> To: Low Power Amateur Radio Discussion
> Subject: Still no PIC-EL!
>
> Here it is 18:15 Friday evening and no PIC-EL on the doorstep. Now I
> have
> to wait until Monday. This is probably for the best because I am
> currently
> emptying out the shack to make room for a new radio/computer corner desk
> so
> I am pretty busy. Oh well.
>
> John K7SVV
>
>
>
>
>
>
>

Date: Sun, 1 Feb 2004 09:13:25 -0600
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: "'Low Power Amateur Radio Discussion'" <grp-1@Lehigh.EDU>
Subject: [166777] Re: PIC-EL up and running - 2 questions
Message-ID: <000801c3e8d5\$f09b6620\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Speaking of questions, here's a third and maybe even a fourth-

Third: What's the reason for R27, the 100 ohm resistor in the collector lead of Q3. I thought the desired value for the "low" programming was as close to ground as possible. Without R27, this would be Vce-sat or about 0.1 volts. With R27, it should be around 0.62 volts. Obviously, the circuit works as designed, so this question is just a curiosity.

Fourth is not a question but an assertion: NJQRP should have dropped shipped all the PIC-ELs from a centrally located place such as Arkansas, so the packages would reach the far corners of the USA at approximately the same time. And not that it matters, I would have mine by now.

00000111 00000010,

Nick, WA5BDU

Date: Sun, 01 Feb 2004 10:14:21 -0500
From: Edwin Lappi <ae4ec@usa.net>
To: <qrp-1@Lehigh.edu>
Subject: [166778] FS: PSK-80 Warbler
Message-ID: <504iBaPoV1136S07.1075648461@uwdvg007.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I have for sale one PSK-80 Warbler plus serial cable to computer plus instructions. Price is \$45.00 which includes shipping to anywhere in U.S.=

only. Please reply direct and I will let earliest date/time request have = first

shot and so on. thanks for your interest.

73/72

Ed , AE4EC

Date: Sun, 1 Feb 2004 10:26:06 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <k4ybb@earthlink.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [166779] Re: What Is A "ZAMBONIE"
Message-ID: <004c01c3e8d7\$b6652340\$9f131443@kntnny.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Zambonie is a resident of an African nation that is the major source of all those scam e-mails offering millions of \$US in exchange for providing your bank account information to that very nice person.

Howard Kraus, K2UD

Date: Sun, 1 Feb 2004 10:45:42 -0500
From: "James Kelley" <k4ybb@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [166780] Thank you to all who replied
Message-ID: <410-22004201154542715@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

QRP Group: Thank you for all the answers, I now know what a "Zamboni" is. Living in Florida and not having a ICE rink or a hocky team I had no idea of what a Zamboni was. My wife was in the other room watching something on TV and came up with the question and came and ask me and when I didn't know she said well ask your friends in the internet. So I ask and got the answer.

THANK YOU TO ALL; WHO ANSWERED THE QUESTION! ! ! ! !

My wife said tell them THANK YOU also ! ! ! !

72 / 73 Jim K4YBB

James Kelley
k4ybb@earthlink.net
Why Wait? Move to EarthLink.

Date: Sun, 01 Feb 2004 15:45:04 +0000
From: "COLIN WHITMORE" <cncwhitmore@msn.com>
To: qrp-1@lehigh.edu
Subject: [166781] Rockmite 20
Message-ID: <BAY11-F40QTgK2C8fhn000235b0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I just built up a Rockmite 20. Well, I have to say it is quite a nice kit. The board quality was first-rate and though the instructions were a little vague and terse, it went together very well. Not bad for a couple of sawbucks and a fin!

However, I do have a couple of questions.

The default freq. is 14 060.00kHz, but there is a very weak continuous tone at +670Hz (14 060.67kHz). It stops upon key-closure and begins again at key-open. I don't know how much power its putting out there (at 14 060.67kHz). Incidentally, the power out at 14 060.00 kHz looks to be about 300-400mW.

With regards to above, the secondary freq. is 14 060.76kHz, and it too puts out a weak continuous tone, but this one is at -870Hz (14 059.89kHz).

So question No. 1 is; What are these tones? And are they transmitting out with any real energy?

The sidetone is a bit loud. What are any suggestions for C8 (0.1 uF) to drop that level a tad?

Final question, the tone is very raspy, the suggestion is to put an R-C combination together to soften that. What has anybody else done? It may be tolerable if I drop the sidetone volume some, but as it stands now it is very tiring to listen to for any real length of time.

Cheers,
Colin
N0YGY

Let the new MSN Premium Internet Software make the most of your high-speed experience. <http://join.msn.com/?pgmarket=en-us&page=byoa/prem&ST=1>

Date: Sun, 1 Feb 2004 07:47:13 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166782] Re: Beacons on 80
Message-ID: <20040201154713.24865.qmail@web41004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Beacon: AF4LQ/B
Time: 0250Z
Name: Lloyd
Call: K3ESE
RST: 599
Grid: FM19p1

QTH: Reisterstown, MD

Beacon: AF4LQ/B

Time: 0322Z

Name: Lloyd

Call: K3ESE

RST: 599

Grid: FM19p1

QTH: Reisterstown, MD

Beacon: AF4LQ/B

Time: 0400Z

Name: Lloyd

Call: K3ESE

RST: 599

Grid: FM19p1

QTH: Reisterstown, MD

Beacon: W5USJ/FUN ON 80

Time: 0241Z

Name: Lloyd

Call: K3ESE

RST: 559

Grid: FM19p1

QTH: Reisterstown, MD

Beacon: W5USJ/FUN ON 80

Time: 0322Z

Name: Lloyd

Call: K3ESE

RST: 449

Grid: FM19p1

QTH: Reisterstown, MD

Beacon: W5USJ/FUN ON 80

Time: 00400Z

Name: Lloyd

Call: K3ESE

RST: 449

Grid: FM19p1

QTH: Reisterstown, MD

=====

72 es oo, Lloyd, K3ESE - Reisterstown, Maryland FM19p1
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
Loop - EDZ - LW - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?

Yahoo! SiteBuilder - Free web site building tool. Try it!
<http://webhosting.yahoo.com/ps/sb/>

Date: Sun, 1 Feb 2004 07:47:32 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: <ianpurdie@integritynet.com.au>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166783] Re: Dick PURDIE (VK2ARP) SK
Message-ID: <003d01c3e8da\$b5ecb790\$2cc13542@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Very nice tribute to your father. You have a right to be proud of such a distinguished gentleman.

=====

Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California

----- Original Message -----

From: "Ian C. Purdie" <ianpurdie@integritynet.com.au>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 01, 2004 3:57 AM
Subject: Dick PURDIE (VK2ARP) SK

> I've created a page in tribute to my dad VK2ARP
>
> <http://www.electronics-tutorials.com/dick-purdie-vk2arp.htm>
>
> 72/73's
>
> Ian C. Purdie
> Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'

> VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
> <http://www.electronics-tutorials.com/>
>
>
>

Date: Sun, 1 Feb 2004 10:56:26 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [166784] On Solid-State Regens
Message-ID: <001101c3e8db\$f32cfec0\$9f131443@kntnny.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My favorite circuit is from a Mar 68 QST article "A Three-Transistor Receiver" by Walter Lange, W1YDS. The same circuit appeared in the 27th edition of ARRL's "How to Become a Radio Amateur." For its simplicity, it offered:

Small parts count
High performance
Good sensitivity, even with a short piece of antenna wire
AM Broadcast stop-band filter (really works!)
1.6-30 MHz coverage with plug-in coils
Smooth reaction
Battery operation (D-cells, they'll power this rig forever)
Easy to duplicate
Doesn't use ultra-rare parts that can't be found today

I built mine about 2 years ago, and find that it's the receiver I use the most (next to K8IQY's 2N2/40!). Look at Rich's QRP column in Dec 03 QST for a picture of it, some of you old-timers will say "I remember that one!" It's true to the original. Beg, borrow or steal a copy of the original QST or "How to" book for this radio. I can tell you that this rig is a proven performer and looks like real radio too.

72

Howard Kraus, K2UD

Date: Sun, 01 Feb 2004 11:05:48 -0500
From: Richard Mulvey <rich@mulveyfamily.com>
To: qrp-1@lehigh.edu
Subject: [166785] Elmer 160 - PIC-EL development under Linux
Message-ID: <1075651547.24546.23.camel@shuttle>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

For those of us who prefer to use Linux, instead of Windows, there are a variety of tools you can use for learning to use the PIC in the Elmer 160 course.

<http://www.gnupic.org/> has links to many of these tools. I've been using gpsim to simulate the exercises, and gpasm to assemble them. (gpasm is compatable with the Microchip assembler, and I haven't had to make any changes, so far. ;-)) Now that I have the PIC-EL completed, I'm going to look around for a compatible programmer.

Also, for additional resourced, I picked up a copy of "Programming and customizing PICMicro microcontrollers", by Myke Predko, and it seems like a very good into about how to interface to all sorts of different devices like keyboards, LCD's, etc, do serial port handling, etc. The book however, is \$15.00 more than the PIC-EL. ;-)

- Rich

--
Richard Mulvey <rich@mulveyfamily.com>

Date: Sun, 1 Feb 2004 11:47:12 -0500
From: "Carr Family" <acarr@pivot.net>
To: <qrp-1@Lehigh.EDU>
Subject: [166786] Re: Need suggestions on an intermittent bug in my QROP Meter
Message-ID: <000001c3e8e3\$0a4f5f60\$0100a8c0@china>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jason,

Based upon your description and a quick look at the LM3914 datasheet, I would suggest that your current problem is the same as the problem you had before adding the small voltage at the bottom of the voltage divider. With some voltage at the bottom of the divider and zero at the top, the top most comparitor would be the most sensitive.

I suggest perhaps removing your previous fix and add an enable circuit that will enable the LM3914 only when you have some input voltage on the top of the divider. Perhaps a fet switch on the bias current?

Ron WA1VGB

Date: Sun, 1 Feb 2004 16:46:06 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166787] Re: What Is A "ZAMBONIE"
Message-ID: <BAY12-DAV20jwxWQyAS0000bb98@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

A Zamboni pile is a type of high-voltage battery. They were actually used during WWII in some sort of night vision system; I remember seeing adverts for them (war surplus) in the electronics mags when I was a kid. Here's a picture of one:

<http://info.uibk.ac.at/c/c7/c704/museum/en/details/electr/zambsaeule1.html>

73, Leon

--
Leon Heller, G1HSM
Email: aqzfl3@dsl.pipex.com
My low-cost Philips LPC210x ARM development system:
http://www.geocities.com/leon_heller/lpc2104.html

Date: Sun, 1 Feb 2004 11:48:48 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <rich@mulveyfamily.com>
Subject: [166788] Re: Elmer 160 - PIC-EL development under Linux
Message-ID: <000e01c3e8e3\$442d8540\$090044c0@BrianBoru>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Richard Mulvey" <rich@mulveyfamily.com>
Subject: Elmer 160 - PIC-EL development under Linux

> I've been using gpsim to simulate the exercises

Rich -- this is great news. I knew the QRPLINUX-L gang had some success with gpasm, but it looked like the efforts to test out gpsim sort of fizzled. I wanted to try it out myself, but preparing these lessons is eating me up big time.

> I'm going to look around for a compatible programmer.

There is programming software called oddesey that a lot of the PICLIST folks seem to like. I get the impression it's pretty flexible and might work with the PIC-EL. I almost downloaded it myself yesterday to try programming an 877A, but then I slapped my hand and said "No McD, you gotta get the lesson 8 edits done, and lesson 9, and 11, then you can play."

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 1 Feb 2004 11:52:22 -0500
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [166789] F.S. Schurr Proffi-2 iambic paddle
Message-ID: <000501c3e8e3\$c3573b40\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I was fortunate to find a paddle I had been looking for for a long time and now have a paddle excess to my needs.

For sale is a like-new condition Schurr Proffi-2 iambic paddle. This is arguably one of the best paddles in the world. The paddle is in like-new

condition without a mark on it and is very, very smooth in operation. It comes with built-in clear see-through dust cover.

I have two of these paddles and am selling one of them. These great paddles require adjustment only once and then forget about the settings. The hold very close spacings remarkably well.

I will sell the paddle for \$225 plus shipping. Unit will be double boxed (using original box) plus larger box to insure safe arrival.

73, Joe W2KJ
North Carolina
I QRP, therefore, I am

Date: Sun, 1 Feb 2004 12:04:06 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166790] WTB: KK7B miniR2, R2, UVF0, etc
Message-ID: <Law9-0E13gthbEhNjEV0002db62@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone on the list have a miniR2 or R2 or R2pro or UVF0 that is surplus ?
Have played with these before and seems like someone always talks me out of them - this time they stay ! Unbuilt, partially built, problem rig OK, as well as a complete integrated transceiver. I would be very interested to hear from anyone that has combined these and a transmitter for CW operation.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 31 Jan 2004 12:06:42 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [166791] ExpressPCB software &c questions
Message-ID: <20040131.120656.-512145.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

As part of the other posted madness (all them IC radios), I came across a piece of software for drawing circuit boards. It's called ExpressPCB (part of a two-part package, one for boards & the other for schemos, which is another story) & you can download it & try it out. You can even keep it.

Why, you can use the software to draw a board & then get an estimate for gettin' some boards like you drew done for you.

The schematic drawing software, well, it sucks. I have gotten so used to using DesignWorksLite that anything else is just user-surly. But I can't export the DWL stuff into the ExpressPCB stuff (at least I ain't figured out how), so I have to trust myself to draw the board up right.

The board drawing software, it's good, however. You can do 4-layer boards (if you're nuts) and you can do two sided boards, plated through with mask & all that, if you want to go through the effort. I've used it so far to draw up a board for the TDA1072A that I mentioned in the other post. It was pretty easy to work out, using both sides of the board & all that. Then I used the software to estimate the cost of havin' three boards made up to my drawing.

It'd cost just shy of \$60 to get three boards done. No mask & no parts markings. Just the board, etched, tinned & ready for destruction. Or deconstruction. Whatever.

Now . . . anybody here what ain't got intervention using this or similar software & what's their experience with it?

Like I need another project!

73

Nils

. . . next I draw up a board to mimic Jeff Anderson's 9-volt battery case radio from many years ago . . .

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
-- <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull> --
"If you can see this, thank a trilobite!"

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Date: Sat, 31 Jan 2004 11:58:16 -0500
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [166792] 1-chip radios again & a call for intervention
Message-ID: <20040131.120656.-512145.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Back during the Yuletide season I tested my new meds by building a crystal set. Seriously. It's a double-tuned set with variable coupling & it's huge & old-fashioned lookin' and all that. And I can hear the local NDB from Xenia on it. With an AF amp I can hear a couple more of 'em. And broadcast stations too, which is another story.

Then, after I got tired of listening to stuff like that (which ain't hard, given the number of "all-talk/all-sports/all-right-wing-ranting" stations on the air), I started lookin' at a ZN414 kit that I got somewhere. I built that & hooked it up to the xtal set tuner. Soon that got boring (for the same parenthetical reason as above) & I got out my collection of other weird projects.

Remember the TDA1072A single-chip thing I went through a couple years ago? Well, it's back. Same-same the TEA5551T project, which is further off 'cause it's SMD stuff. However . . .

I discovered the following items (not all of 'em available any more):

ZN415E -- a TRF receiver chip, 8 pin DIP, that's the ZN414 with a two stage amp for headphones.

MK484 -- replacement for the "no longer available (yeah, right)" ZN414

CXA1600M/P -- a Sony 8 pin DIP that's a complete superhet with VCA headphone amp . . . uses a built in 55kHz IF & filter. You hose up the oscillator LC, the antenna LC, an AF gain pot to ground, an AGC cap, power & ground & you get an AM receiver. I'm serious lookin' for this one, if only to say I built one of 'em for SW. Spec sheet is pretty lame: no info on input frequency response, but it's at least 1 MHz.

CXA1619AM/AS -- another Sony 30 pin DIP (for through hole use; it's a 28 pin SOP SMT) that's a seriously complete superhet, AM/FM with what looks like a VCA AF amp for headphones. Pins for AGC, mode select &c. Uses external IF transformers & looks like a Sony version of the TEA5710.

CXA1691AM/AS -- another Sony IC, another version of the '1619 as I see it . . . Haven't really chased the differences 'cause I'm more interested in what might happen if I even find the '1600.

And then there's Nick Kennedy's website for his working out a TDA1072A as a CW rx. Serious evidence that he got much, much further than I did with the '1072, which is cool . . . I looked at what he'd done & began getting that itch again. I even found my stash of '1072s and one TEA5551T that I put on one of them "surfboards" that Roger has for people who end up with SMT stuff to play with but no way of workin' out a solution.

My vet's gonna love me. When he put me on these meds (to keep my hands from shaking, which is another story), he asked me to keep a log of what I do & whether the meds do anything or not. Well, I built the xtal set, didn't I? And I found these schemos & new chips & stuff, eh? And now I've got this wild idea of getting down the proto-board & trying again to see a working '1072 receiver. Even if I do scob some ideas from Nick.

Something to do while I'm waiting for my copy of the 60s movie "Che!" to arrive.

73

Nils

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
-- <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull> --
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Date: Sun, 1 Feb 2004 09:22:46 -0800 (PST)
From: Lee Boulineau <n4mvl@yahoo.com>
To: kd1jv@moose.ncia.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166793] Re: KD1JV DIGI-PWR/SWR METER -- no joy
Message-ID: <20040201172246.2152.qmail@web21203.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'm sill waiting on mine - us Southerners sometimes
have to wait an extra day or two for Steve's

Goodies!!! Glad to know about the LEDs though@@

Lee N4MVL

--- Steven Weber <kd1jv@moose.ncia.net> wrote:
> >The kit came today and I put it together. L1 did
> not light when I added
> >the two AAA batteries to their holders fir
> calibration.
> >
> Shoot! I got the LED orientation wrong on the layout
> diagram!!!
> SHORT lead goes towards the flat on the componet
> screen.
>
> Ken, you'll have to flip all the LEDs around the
> other way. Sorry about
> this major blunder :-((
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

Do you Yahoo!?
Yahoo! SiteBuilder - Free web site building tool. Try it!
<http://webhosting.yahoo.com/ps/sb/>

Date: Sun, 1 Feb 2004 11:26:07 -0600
From: "Oldtimer" <res075cz@gte.net>
To: <w2kj@bellsouth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166794] Re: F.S. Schurr Proffi-2 iambic paddle
Message-ID: <009501c3e8e8\$7a780ad0\$6500a8c0@k5rov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow, Joe....what did you find that you like better than the Schurr Proffi-2?
It must be a Mercury?

73 de Jim, K5ROV

James (Jim) Parsons, CMSgt, USAF, Ret.
Ham for over 60 years, 80 % CW, 10 % digital, 10 % SSB
K5ROV@arrl.net. ARMS, ARRL, Ex: W1RLA, K5FBB, K4FEO,
SV0WN (Crete), SV0WN (Rhodes), DL4NC, DL4JP, KA2FC (Japan) ,
KA2JP (Japan).
John 3-16

----- Original Message -----

From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 01, 2004 10:52 AM
Subject: F.S. Schurr Proffi-2 iambic paddle

> Howdy Gang:

>

> I was fortunate to find a paddle I had been looking for for a long time
> and

> now have a paddle excess to my needs.

>

> For sale is a like-new condition Schurr Proffi-2 iambic paddle. This is
> arguably one of the best paddles in the world. The paddle is in like-new
> condition without a mark on it and is very, very smooth in operation. It
> comes with built-in clear see-through dust cover.

>

> I have two of these paddles and am selling one of them. These great
paddles

> require adjustment only once and then forget about the settings. The hold
> very close spacings remarkably well.

>

> I will sell the paddle for \$225 plus shipping. Unit will be double boxed
> (using original box) plus larger box to insure safe arrival.

>

> 73, Joe W2KJ
> North Carolina
> I QRP, therefore, I am

>

>

>

>

Date: Sun, 1 Feb 2004 10:31:18 -0700
From: "JessMX5" <jessmx5@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166795] Bugs for sale
Message-ID: <02a901c3e8e9\$34553810\$6601a8c0@Jess>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

McElroy P-500 Bug. All original, all there. 95% \$250.00
Vibroplex Standard Gray Base. 1930's manufacture restored. 98% \$150

Pictures on request.

Jess AE0CW

Date: Sun, 01 Feb 2004 12:44:27 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: res075cz@gte.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166796] Re: F.S. Schurr Proffi-2 iambic paddle
Message-ID: <6.0.1.1.2.20040201123638.01dfd508@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

There are 4 that I like better (besides Mercury or Hensley): 1) GHD GN-405;
2) the Jones paddle; 3) the Kent paddle; and 4) the Schurr 'Portable
Wabblers'. Admittedly that's in comparison not to a Proffi-2, but to an
original Proffi (which I also own.) Can't figure why I like the smaller
Schurr better than the larger one, but it just 'feels' better than the
bigger Proffi-to me. These are listed in order of preference... but 3 and 4
are-again: "to me"-a more-or-less tie.

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sun, 1 Feb 2004 12:49:27 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: <ve7cla@shaw.ca>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [166797] RE: Koch Method
Message-ID: <003001c3e8eb\$c123bfd0\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Here is a trainer based on the Koch method.

<http://www.qsl.net/g4fon/CW%20Trainer.htm>

And the url to the standard from which it was designed.

OOPS! It has dissappeared.

Hopefully the above url will help. I used it to improve my speed.

Buck

> -----Original Message-----
> From: Darrell Bellerive [mailto:ve7cla@shaw.ca]
> Sent: Saturday, January 31, 2004 5:00 PM
> To: Low Power Amateur Radio Discussion
> Subject: Koch Method
>
>
> With the Koch method of learning code, is there a preferred
> order of characters to learn?

>
> >From what I have read, the Koch method starts with two
> characters, and
> then as one becomes proficient, adds one new character at a time.
>
> I have not been able to find which two characters should be
> learnt first and in what order should the rest of the
> characters be added?
>
> Darrell Bellerive
> VE7CLA
>
>
>
>

Date: Sun, 1 Feb 2004 11:53:54 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166798] Re: ExpressPCB software &c questions
Message-ID: <200421115354.774709@arthur>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Sat, 31 Jan 2004 12:06:42 -0500, Nils R Young wrote:

>
> Now . . . anybody here what ain't got intervention using this or
> similar software & what's their experience with it?
>

Nils -- I've ExpressPCB make prototype boards several times over the years and have always been happy with their service. I think they may be a little higher priced than some others such as AP Circuits, etc. but with the others you need a way to generate your own Gerber files, etc.

Wonder where the various groups that produce all the neat QRP kits that are available get boards manufactured?

Tim, N9PUZ

Date: Sun, 1 Feb 2004 12:57:31 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [166799] Re: Rockmite 20
Message-ID: <000301c3e8ec\$deb90860\$7f25ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Colin and the gang,

I think what you are saying is that you're listening to signals...which emanate from your RM-20... using a separate rcvr/xcvr.
In a separate rcvr/xcvr...with the RM-20 key-down... you hear the RM-20's transmitter; ...with the RM-20 key-up you hear the RM-20's rcvr local oscillator.
This is normal.

73.
Bill, N4QA

Date: Sun, 1 Feb 2004 13:00:30 -0500
From: "NA4FM \ (Buck\)" <na4fm-list@towncorp.net>
To: <gdrag@proedge.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [166800] RE: Interesting item on eBay web site item# 3069098211: ALINCO DX-70 TH HF + 6 Meter Transceiver
Message-ID: <003101c3e8ed\$4cc61910\$6401a8c0@deer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

And it didn't sell....
Buck

> -----Original Message-----
> From: gdrag@proedge.com [mailto:gdrag@proedge.com]
> Sent: Friday, January 30, 2004 11:50 AM
> To: Low Power Amateur Radio Discussion
> Subject: Interesting item on eBay web site item# 3069098211:

> ALINCO DX-70 TH HF + 6 Meter Transceiver
>
>
> I saw this Alinco DX70TH for sale....it is new in the box and
> almost two hundred dollars less than thru most radio stores.
>
> Title of item: ALINCO DX-70 TH HF + 6 Meter Transceiver
> Seller: our_sales_03
> Starts: Jan-23-04 10:45:00 PST
> Ends: Jan-30-04 10:45:00 PST
> Price: Starts at \$550.00
>
> To bid on the item, go to:
> <http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?RedirectEnter&partner=777701&loc=http%3A%2F%2Fcgi%2Eebay%2Ecom%2Fws%2FfeBayISAPI%2Ed1%3FViewItem%26item%3D3069098211%26category%3D4674%26ssPageName%3DADME%3AB%3AEF%3AUS%3A1>
>
>
> Item Description:
> You are bidding on a new in the box Alinco DX-70TH
> Transceiver. This Radio is New and in Original Box with
> accessories included and Retail for around \$1200.00. This is
> the model with 100 Watts on 6 meters. GUARANTEED TO BE NEW
> PHYSICALLY AND ELECTRONICALLY. Also see other auction with
> remote head kit for this unit as well. Thanks for viewing this
> auction you can see other equipment in my "view sellers other
> auctions" link on this auction page. RADIO SPECIFICATIONS:
> GENERAL SPECIFICATIONS:
> Dimensions: (H, W, D) 7" x 2.25" x 9.02" or 178 mm x 58mm x 230mm
> Weight: 5.95 lbs or 2.7 kg
> Receiver Coverage: 150kHz - 30MHz and 50MHz - 54MHz
>
> Transmit Coverage:
> 160m 1.800 - 1.9999MHz 80m 3.500 - 3.9999MHz 40m 7.000 - 7.2999MHz
> 30m 10.100 - 10.1499MHz 20m 14.000 - 14.3499MHz 17m 18.068 -
> 18.1679MHz
> 15m 21.000 - 21.4499MHz 12m 24.890 - 24.9899MHz 10m 28.000 -
> 29.6999MHz
> 6m 50.0000 - 53.9999MHz
>
>
> Operating Modes: J3E (USB/LSB), A1 A (CW), A3E (AM), F3E (FM)
> Operating Temperature Range: +14 to +140 F or -10 to +60 C
> Frequency Stability: 10ppm
> Antenna Impedance: 50 Ohms unbalanced
> Power Requirement: 13.8 VDC 15%
> Memory Channels: 100, each capable of split memories and

> operating mode
> Current Drain @ 13.8VDC: TX: approx 25 amps, max, high power setting
> RX: approx.8 amps squelched; approx 1 amp @ max audio
>
>
>
> TRANSMITTER SPECIFICATIONS:
> Output Power: (SSB, CW, FM) 1.8MHz-30MHz and 50MHz-54MHz: 100 Watts
> (AM) 1.8MHz - 30MHz and 50MHz - 54MHz: 40 Watts balanced AM -
> Low Level
> Modulation: FM- Variable reactance
> Sideband Suppression: More than 50 dB (@ 1 KHz)
> Spurious Emission: Less than -45 dB
> (10 MHz) Less than -50 dB
> (18 MHz - 30 MHz) Less than -60 dB
> (50 MHz - 54 MHz) Carrier Suppression More than 40 dB
> CTCSS Encoder: 38 tones, standard
>
> RECEIVER SPECIFICATIONS:
> Receiver System: Dual conversion super heterodyne
> Sensitivity: SSB, CW (1.8 - 54MHz) better than 12 dBu
> (0.25uV) @ S/N 10 dB (0.5 - 1.8MHz) better than 0 dBp (1 uV)
> @ S/N 10 dB, AM (1.8 - 54MHz) better than +6 dBu (2uV) @ S/N 10 dB,
> FM (28 - 30MHz) better than -6 dBu (0.5 uV) @ 12 dB SINAD (50
> - 54MHz) better than -10 dBu (0.3 uV) @ 12 dB SINAD
> Selectivity: SSB, AM-Narrow: 2.4kHz/-6 dB, 4.5kHz /-60 dB
> SSB-Narrow, CW-Wide: 1.0kHz/-6 dB, 3.0kHz/-60 dB CW-Narrow:
> 500 Hz -6 dB, 3.0kHz/ -60 dB AM-Wide,
> FM: 9kHz/-6 dB, 20kHz/-50 dB
> Intermediate Frequencies: 1 st IF: 72.75MHz 2nd IF: 455kHz
> Spurious and Image Rejection Ratio: More than 70dB
> Audio Output: More than 2 Watts @ 8 Ohms, 10% THD RIT/-TXIT
> Range 1.4kHz
>
> Visit eBay, The World's Online Marketplace TM at <http://www.ebay.com>
>
>
>
>

Date: Sun, 1 Feb 2004 12:11:21 -0600
From: "Oldtimer" <res075cz@gte.net>
To: "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>
Subject: [166801] Re: F.S. Schurr Proffi-2 iambic paddle

Message-ID: <00bf01c3e8ee\$cc4e7460\$6500a8c0@k5rov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Interesting information, Ed. I measure all my keys against the Vibroplex, of which I have four. I prefer the Proffi-2 and then two home brew paddles. But I have been using Vibroplex for many years and I guess I need a "feel" similar to those. But these days I seem to be using a keyboard more and more due to shaky hands that comes with old age.

I cannot find the GN--405 listed on Marshall's pages. I had a GHD optical key but I just could not get the spacing I wanted with that kind of key. I guess I have a problem with something different.

73 es God bless...

James (Jim) Parsons, CMSgt, USAF, Ret.
Ham for over 60 years, 80 % CW, 10 % digital, 10 % SSB
K5ROV@arrl.net. ARMS, ARRL, Ex: W1RLA, K5FBB, K4FE0,
SV0WN (Crete), SV0WN (Rhodes), DL4NC, DL4JP, KA2FC (Japan) ,
KA2JP (Japan).
John 3-16

----- Original Message -----

From: "Ed Tanton" <n4xy@earthlink.net>
To: <res075cz@gte.net>; "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Sent: Sunday, February 01, 2004 11:44 AM
Subject: Re: F.S. Schurr Proffi-2 iambic paddle

> There are 4 that I like better (besides Mercury or Hensley): 1) GHD
GN-405;
> 2) the Jones paddle; 3) the Kent paddle; and 4) the Schurr 'Portable
> Wabblers'. Admittedly that's in comparison not to a Proffi-2, but to an
> original Proffi (which I also own.) Can't figure why I like the smaller
> Schurr better than the larger one, but it just 'feels' better than the
> bigger Proffi-to me. These are listed in order of preference... but 3 and
4
> are-again: "to me"-a more-or-less tie.
>
>
> 72/73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY

> 189 Pioneer Trail
> Marietta, GA 30068-3466
>
> website: <http://www.n4xy.com>
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
> -----
> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".
> --Benjamin Franklin
>
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain
> -----
>
>
>

Date: Sun, 1 Feb 2004 13:22:24 -0500
From: "Jason Hsu" <jhs001@heronetwork.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166802] Re: Need suggestions on an intermittent bug in my QROP Meter
Message-ID: <002e01c3e8f0\$59c23240\$64923144@aoldsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

>
> Based upon your description and a quick look at the LM3914 datasheet, I
> would suggest that your current problem is the same as the problem you had
> before adding the small voltage at the bottom of the voltage divider.
With
> some voltage at the bottom of the divider and zero at the top, the top

most

> comparitor would be the most sensitive.

>

OK, that makes some sense. I wonder if the person who designed the VHF SWR meter that my meter is adapted from had this bug. Of course, that SWR meter had a 90mV reference voltage at the LO pin instead of the 30mV I use.

> I suggest perhaps removing your previous fix and add an enable circuit that

> will enable the LM3914 only when you have some input voltage on the top of
> the divider. Perhaps a fet switch on the bias current?

>

Correct me if I'm wrong, but it sounds like you are suggesting that I use a special switch that supplies the LM3914 its 12V of power ONLY when there is a significant input voltage. The problem with that is the switch will be turning on and off many times per second when transmitting in SSB mode. Ripple in the power supply is something that's supposed to be avoided (hence the reason for decoupling capacitors).

Another possibility is to supply a voltage at the HI pin at all times. This requires a circuit that will accept two voltages (forward voltage sample and a small reference voltage) as inputs and output the higher of the two.

Or maybe it would be easier to just use a microcontroller to do these functions.

Jason Hsu, AG4DG

<http://www.jasonhsu.com/ee.html>

<http://groups.yahoo.com/group/eeham/>

http://groups.yahoo.com/group/resume_hyperinflation_fighters/

<http://groups.yahoo.com/group/gmu-ece-control/>

Date: Sun, 01 Feb 2004 12:28:56 -0600

From: Chuck Carpenter <w5usj@9plus.net>

To: cncwhitmore@msn.com,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [166803] Re: Rockmite 20

Message-ID: <3.0.2.32.20040201122856.0087b700@mail.9plus.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Colin,

At 03:45 PM 02/01/2004 +0000, COLIN WHITMORE wrote:

>I just built up a Rockmite 20. Well, I have to say it is quite a nice kit.

>The board quality was first-rate and though the instructions were a little
>vague and terse, it went together very well. Not bad for a couple of
>sawbucks and a fin!

>

>However, I do have a couple of questions.

Are you listening in a second receiver?

>The default freq. is 14 060.00kHz, but there is a very weak continuous tone
>at +670Hz (14 060.67kHz). It stops upon key-closure and begins again at
>key-open. I don't know how much power its putting out there (at 14
>060.67kHz). Incidentally, the power out at 14 060.00 kHz looks to be about
>300-400mW.

If so, the R-M oscillator runs continuously and that may be what your are hearing. The keyer provides switching such that you will transmit on one frequency and listen on another. The difference is the offset. The offset reverses when you press the shift button.

>With regards to above, the secondary freq. is 14 060.76kHz, and it too puts
>out a weak continuous tone, but this one is at -870Hz (14 059.89kHz).

The switched difference when you pressed the shift button

>So question No. 1 is; What are these tones? And are they transmitting out
>with any real energy?

There is a small amount of radiation. But mounted in a metal box, it's unlikely that anyone would notice.

>The sidetone is a bit loud. What are any suggestions for C8 (0.1 uF) to drop
>that level a tad?

One simple thing to do is change C8 to a .01. This helps a bunch. There are LP filters that others have used to attenuate the signal. See next comment too...

>Final question, the tone is very raspy, the suggestion is to put an R-C
>combination together to soften that. What has anybody else done? It may be
>tolerable if I drop the sidetone volume some, but as it stands now it is
>very tiring to listen to for any real length of time.

You're listening to a square wave signal with all the odd harmonics. The .01 will help this out too. KD1JV has a neat filter board kit available. Check out his website. This has sidetone filtering too.

<http://www.qsl.net/kd1jv/>

>Cheers,
>Colin
>N0YGY

Have fun and remember, Rock-Mites can be addictive... [g]

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 oo <http://www.netxqrp.org>

Date: Sun, 1 Feb 2004 12:30:02 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166804] Re: Rockmite 20
Message-ID: <Pine.LNX.4.33.0402011221220.16597-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 1 Feb 2004, COLIN WHITMORE wrote:

> I just built up a Rockmite 20. Well, I have to say it is quite a nice kit.
> The board quality was first-rate and though the instructions were a little
> vague and terse, it went together very well. Not bad for a couple of
> sawbucks and a fin!

I agree. I have three of 'em. 8-)

> The default freq. is 14 060.00kHz, but there is a very weak continuous tone
> at +670Hz (14 060.67kHz). It stops upon key-closure and begins again at
> key-open. I don't know how much power its putting out there (at 14
> 060.67kHz). Incidentally, the power out at 14 060.00 kHz looks to be about
> 300-400mW.

You're hearing the receiver L0. The oscillator runs continuously. In
receive mode it's the L0, in transmit mode a varicap diode is used to pull
the oscillator frequency plus or minus 600-800 Hz. The difference is the
beat note you hear when someone transmits on your frequency.

> With regards to above, the secondary freq. is 14 060.76kHz, and it too puts
> out a weak continuous tone, but this one is at -870Hz (14 059.89kHz).

Same thing, but in reverse.

> So question No. 1 is; What are these tones? And are they transmitting out
> with any real energy?

Nope, they only make it as far as the mixer, the PA is shut off.

> The sidetone is a bit loud. What are any suggestions for C8 (0.1 uF) to drop
> that level a tad?

I use a .01 and find it quite comfortable. I haven't tried a filter for the sidetone, and you're right, it's a square wave and pretty obviously so. I found it much more tolerable with a .01uF cap, which may have had some filtering effect anyway - don't know about that. I've been meaning to play with that, but I'm still trying to find time to put my other two in cases. I find a slightly modified Radio Shack 270-1808 plastic enclosure (8 x 3 x 1") will nicely hold the RM and eight AA cells for portable operation. I'm thinking about using a BLT case for a dual-band RM.

72,
Dale - n0xas

--

It's a thankless job, but I've got a lot of Karma to burn off.
The NEW Super PicoKeyer offers speed control by pot OR menu!
Check <http://www.hamgadgets.com> for news.

Date: Sun, 1 Feb 2004 11:42:19 -0700
From: "Bruce Kizerian" <kizerian@xmission.com>
To: <nilsbull@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [166805] Re: 1-chip radios again & a call for intervention
Message-ID: <005901c3e8f3\$202b2020\$dd0d46a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nils

It is great when medicines work. I use a couple that keep me going. You probably are appreciating building stuff more than ever.

Thanks for you summary of one chio radios.

A couple of things. I thought that the ZN414 was not readily available except at Ocean State for the criminally high price of \$9.95. MK484s on the other hand are around and cheap. The MK484 chip is also obsolete, but there are reputed to be a half a million of them floating around in the world. I

get mine from DIY Electronics in Hong Kong for \$.30 apiece. And Mitsumi still manufactures and sells ANOTHER ZN414 clone, the LMF501T, which you can buy if you are willing to buy 2000 units.

There are also a few of FM only chips which lend themselves to other types of radios. The TDA7000 comes to mind. And I have a bunch of TDA7088T chips. These are the ones that are in those little button-tuned FM radios that go for cheap at discount stores. I'd be willing to send a few TDA7088Ts to anyone who could give me a good suggestion for a receiver (other than an FM broadcast radio) for these chips and would be willing to try. I'll even send a Surfboard adapter to those who come up with really promising ideas.

By the way, there are a number of simple shortwave radio designs out there that use the ZN414/MK484 for an IF amplifier. I am working on such a design myself--getting BFO injection into the chip is the tricky part, but there are those who claim to have done it.

You have started a most interesting thread--hope others contribute.

Thanks

Bruce kk7zz
www.elmerdude.com

Date: Sun, 1 Feb 2004 11:50:03 -0700
From: w5xe@juno.com
To: qrp-1@lehigh.edu, Ham-Radio-History@yahoogroups.com,
glowbugs@piobaire.mines.uidaho.edu, k5qlf@yahoo.com
Subject: [166806] Les Moxon, G6XN
Message-ID: <20040201.115038.-733139.2.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Reading the January RadCom (RSGB)
magazine, Pat Hswker G3VA included the
below item:

"Readers will be extremely sorry to learn that
Les Moxon, G6XN, who in the past has
contributed much antenna lore to TT and is
the author of HF Antennas for All Locations
(plus numerous other antenna related articles
in QST and other American publications) has,

at the age of 94 years, been obliged by deteriorating health to give up amateur radio and enter a care home. Thanks to Brian G3GJX for this information."

A sad note indeed.

Ray, W5XE

If you know the forest, you will not fear, If you do not know the forest, then you will fear the forest.'Luther Standing Bear'
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R
FP-111 QRP-ARCI 5784 El Paso, (FAR WEST) TEXAS

Date: Sun, 1 Feb 2004 12:47:36 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: Nils R Young <nilsbull@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [166807] Re: ExpressPCB software &c questions
Message-ID: <Pine.LNX.4.33.0402011231570.16597-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 31 Jan 2004, Nils R Young wrote:

> As part of the other posted madness (all them IC radios), I came across a
> piece of software for drawing circuit boards. It's called ExpressPCB
> (part of a two-part package, one for boards & the other for schemos,
> which is another story) & you can download it & try it out. You can even
> keep it.

I have used ExpressPCB a couple of times. Good quality, and if all you need to do is bang out a couple of prototypes and you need them really quick, they are almost impossible to beat. As you noted, though, it's no solder mask, no silkscreen, and the software is pretty limited.

If you're not in as big a hurry, there's a better and cheaper (albeit slower) alternative. Any PCB CAD program that can generate Gerber files can be used, or download the free version of Eagle. Email the files to Olimex <<http://run.to/pcb>>. They do excellent work, pretty quickly. The downside is that they are in Bulgaria, but it's not much of a downside. They do need a FAX of a signed PO to go along with your credit card information for payment, but I have gotten around this by using a decent (3.2 megapixel) camera to shoot an image of the PO form, convert it to TIFF and email it. To be honest I was hesitant at first, but these guys are honest, quality-minded people who do an excellent job. I "met" the owner on the PICList a couple of years ago. I now use them exclusively for my keyer kit boards as well as other things. At \$34 for a one-off

with no silly setup fees, I'll make boards for projects occasionally.

A 6.3" x 3.9" double sided, plated through board with mask and screen will cost you a total of \$34, including delivery. Air mail from Bulgaria takes a couple of weeks, no Customs hassle or duties or anything though. They do offer express or courier delivery if you're really in a hurry.

I've looked at several other places, but none that I have found work very well for small runs and prototypes. There was one that looked promising in Singapore, but their quality was so extremely poor as to be unusable, and a total waste of money. Nice guys, they just can't make boards. Olimex is the real deal, and I highly recommend them.

72,

Dale - n0xas

--

It's a thankless job, but I've got a lot of Karma to burn off.
The NEW Super PicoKeyer offers speed control by pot OR menu!
Check <http://www.hamgadgets.com> for news.

Date: Sun, 1 Feb 2004 13:55:01 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [166808] Homebrewer #2
Message-ID: <014901c3e8f4\$e6166f00\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone received this yet?

Please reply off list.

=====
Agnus dei, qui tollis peccata mundi, dona nobis Pacem.
=====

KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w
Member of the ARRL - SOC #400
FISTS 5695 CC 764 FPQRP #-57
=====

Date: Sun, 1 Feb 2004 12:01:07 -0700
From: w5xe@juno.com
To: qrp-1@lehigh.edu, Ham-Radio-History@yahoogroups.com,
glowbugs@piobaire.mines.uidaho.edu, k5qlf@yahoo.com
Subject: [166809] Re: GB> Les Moxon, G6XN
Message-ID: <20040201.120107.-733139.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

00pps - the reference should have been
Pat Hawker, G3VA not Hswker as what came out.

Ray, W5XE

Date: Sun, 1 Feb 2004 12:14:45 -0700
From: "John_Evans" <jaevans@mail.codenet.net>
To: <qrp-1@lehigh.edu>
Subject: [166810] dropping battery voltage for rig operation ??
Message-ID: <200402011214.AA41746802@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

greetings,

I'm deep into getting the portable station ready for FYBO and have a variety of options for battery ops. In particular, I have some li-ion battery packs that output typically 14.4 volts nominally, 16.6 or so when newly charged. Anyway, I don't want to run the AT Sprint on any more than 12 volts. One option is to just use one pack (7.2v nominal) - anyone have an idea what kind of power out and performance one might get at that voltage??

Another option would be to build a small battery control module (in an altoids tin of course) that can switch in diodes in series with the battery packs to drop my voltage. I've built Steve Weber's battery monitor circuit and can add that to the device.

Anyway, would diodes be a good option to drop voltage? Any other options?

tnx es 72 - john - n0hj

Date: Sun, 1 Feb 2004 20:40:43 +0100
From: "Sverre Holm" <svholm2@broadpark.no>
To: <kizerian@xmission.com>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [166811] RE: 1-chip radios again & a call for intervention
Message-ID: <000201c3e8fb\$47f61210\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

> There are also a few of FM only chips which lend themselves
> to other types of radios. The TDA7000 comes to mind. And I
> have a bunch of TDA7088T chips. These are the ones that are
> in those little button-tuned FM radios that go for cheap at
> discount stores.

I converted a TDA7021 cheap FM headphone mini-receiver, actually one
with the equivalent KA22429, to a VHF receiver covering 112-163 MHz. It
is very simple as all that it took was to remove a 22 pF capacitor from
the oscillator tuned circuit. It demodulates AM, FM as well as wideband
FM reasonably well, see app. note on
<http://www.semiconductors.philips.com/pip/TDA7021.html>.

I wouldn't be surprised if the TDA7088 was just as easy to use for VHF.

--
73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Sun, 1 Feb 2004 14:45:46 -0500
From: "John" <johndorson@worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [166812] FS: Iambic paddle
Message-ID: <004b01c3e8fc\$005d8f40\$4f398d41@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Vibroplex iambic paddle, standard with gray base. In excellent condition.

Asking \$100.00 including shipping in CONUSA.

Thanks.

John K2JHU...

Melbourne Beach, FL

South Island Real Estate

johndorson@worldshare.net

Date: Sun, 1 Feb 2004 13:57:03 -0600

From: "Craig Johnson" <cbjohns@cbjohns.com>

To: <nkennedy@tcainternet.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [166813] Re: PIC-EL up and running - 2 questions

Message-ID: <01b501c3e8fd\$902ffda0\$6201a8c0@cbjp2>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Nick,

>

> Speaking of questions, here's a third and maybe even a fourth-

Did I miss 1 and 2?

> Third: What's the reason for R27, the 100 ohm resistor in the collector
> lead of Q3. I thought the desired value for the "low" programming was
> as close to ground as possible. Without R27, this would be Vce-sat or
> about 0.1 volts. With R27, it should be around 0.62 volts. Obviously,
> the circuit works as designed, so this question is just a curiosity.

I didn't think about this particular part too much - it was part of David Tait's original design so I included it here too. Looks like it possibly could be removed. Try it!

> Fourth is not a question but an assertion: NJQRP should have dropped
> shipped all the PIC-ELs from a centrally located place such as Arkansas,
> so the packages would reach the far corners of the USA at approximately
> the same time. And not that it matters, I would have mine by now.

We are just lucky to have "kitters" who are willing to do the job!

Thanks, Tom and Nancy!

72,
Craig, AA0ZZ

Date: Sun, 01 Feb 2004 15:16:16 -0500
From: Brad Thompson <Brad.Thompson@valley.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166814] Re: ExpressPCB software & questions
Message-ID: <5.0.2.1.2.20040201151019.02145ec0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

I've used ExpressPCB on three occasions. On the first, the boards arrived via Priority Mail in a couple of days from wherever they're located (Oregon?) to NH. On the second and third instances, ExpressPCB shipped the boards via Airborne Express second-day air delivery, which took eight days and thus turned into "second-week air".

That said, the boards are certainly adequate for building. The plated-through holes make building a pleasure.

On the downside, I'd like to see more component-footprint and schematic-symbol patterns in their software libraries. If you're in need of software to draw schematics, you can use the Express Schematic portion of the package and generate printed copies. Also, if enough people adopt it, the software could become a handy medium for exchanging designs.

73--

Brad AA1IP

Date: Sun, 01 Feb 2004 15:08:41 -0500
From: Richard Mulvey <rich@mulveyfamily.com>
To: "John J. McDonough" <wb8rcr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [166815] Re: Elmer 160 - PIC-EL development under Linux

Message-ID: <1075666121.1288.4.camel@shuttle>

Content-Type: text/plain

Mime-Version: 1.0

Content-Transfer-Encoding: 7bit

On Sun, 2004-02-01 at 11:48, John J. McDonough wrote:

> ----- Original Message -----

> From: "Richard Mulvey" <rich@mulveyfamily.com>

> Subject: Elmer 160 - PIC-EL development under Linux

>

> > I've been using gpsim to simulate the exercises

>

> Rich -- this is great news. I knew the QRPLINUX-L gang had some success

> with gpasm, but it looked like the efforts to test out gpsim sort of

> fizzled. I wanted to try it out myself, but preparing these lessons is

> eating me up big time.

>

Yes - it seems to work just fine. There are some oddities, like when you look at the Symbol View, it doesn't seem to know what the W register is, but the contents of W are displayed just fine in the execution view. I especially like the speed - this thing is WAY faster than mplab. ;-)

> > I'm going to look around for a compatible programmer.

>

> There is programming software called odyssey that a lot of the PICLIST folks

> seem to like. I get the impression it's pretty flexible and might work with

> the PIC-EL. I almost downloaded it myself yesterday to try programming an

> 877A, but then I slapped my hand and said "No McD, you gotta get the lesson

> 8 edits done, and lesson 9, and 11, then you can play."

I looked at Odyssey, and some of the other ones mentioned on the net, and they all seem to be geared towards parallel-port programmers. Perhaps if I have some time, I'll work on a serial-port version.

As an addendum - I just used FPP to reload the test firmware on my PIC-EL, and I'm happy to see that the latest version has fixed the spelling of "suite". ;-) The hardware is working great.

Incidentally, I've started a blog of exactly why I'm getting into PIC development, at <http://www.mulveyfamily.com/picterminal/>

- Rich

--

Richard Mulvey <rich@mulveyfamily.com>

Date: Sun, 1 Feb 2004 13:16:21 -0700
From: "JessMX5" <jessmx5@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166816] Key and QRP antenna for sale
Message-ID: <031201c3e900\$42ffd480\$6601a8c0@Jess>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Vibroplex Presentation Iambiv Paddle. Mint \$125.00

Superantennas MP-1 with mobile kit. Mint. \$150.00

Jess AE0CW

Date: Sun, 1 Feb 2004 15:32:46 EST
From: Hiloarc@aol.com
To: qrp-1@lehigh.edu
Subject: [166817] Re: 80 Meter Beacon
Message-ID: <18a.24d75ba5.2d4ebc6e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello Gang:

KG6CYN very weak, 119
0301 utc
Dean
KH6B
BK29kp
Hilo HI

0346 229
0351 339
0358 339

WV6G 229
0345
Dean

KH6B
BK29kp
Hilo HI

0352 339

W5USJ very weak 119
0353 utc
Dean
KH6B
BK29kp
Hilo HI

Note that the above monitoring is BEFORE
Hilo HI sunset at 0405 utc.

Also please note the following info from
Greg AK7Y.

72, Aloha, Dean KH6B

> Hi Dean:
>
> This morning before sunrise your 80 Meter beacon was a good solid 539 near
> Alpine AZ. Signals were good enough for a QSO . Time 1230 GMT to 1330
GMT.
> Much better than last night.
>
> 72/73
>
> Greg Farkas, AK7Y
> HI QRP #118
>

Date: Sun, 1 Feb 2004 15:39:01 -0500
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [166818] RIT on the RH series of radios
Message-ID: <00f001c3e903\$6d67d1c0\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I just completed an RH40 that works great.

One thing I'd like to modify is the RIT.....the RIT tunes much too quickly...I mean it has too great a range...just a short turn of the RIT pot and you move off frequency real quick.

Does anyone have a remedy for this??? Can the resistors on the RIT pot be changed to other values to move the total tuning to say +/- 1Khz???

Many thanks for any help/suggestions that might come forward.

73, Joe W2KJ
North Carolina
I QRP, therefore, I am

Date: Sun, 1 Feb 2004 15:39:52 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "NJQRP" <njqrp@njqrp.org>
Subject: [166819] "Super Kit Sunday" at AmQRP meetings this weekend
Message-ID: <00ad01c3e903\$9f8827e0\$6400a8c0@n2apb1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The American QRP Club continues to provide more fun and excitement than QRPers should be allowed to have with its kits, online projects and weekend forums!

This time, in a coast-to-coast "double-whammy", the AmQRP unveiled its two newest kits on this Super Bowl weekend.

Yesterday at the NJQRP Club monthly meeting in New Jersey, ELSIE the Atlanticon Kit was first shown and demonstrated to about 35 QRPers in attendance.

Then this morning at the NorCal monthly club meeting in California, the Tin Ear Receiver was first shown and demonstrated to about 30 QRPers.

Read and see more about both of these fun new kits at
www.amqrp.org/kits/SuperKitSunday.html

72/73, George N2APB and Doug KI6DS
for the American QRP Club
www.amqrp.org

Date: Sun, 1 Feb 2004 15:41:01 -0500
From: "Joseph Trombino Jr" <w2kj@bellsouth.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [166820] re: F.S Schurr paddles
Message-ID: <00fb01c3e903\$b472c520\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

The Schurr Proffi-2 paddles I had for sale earlier have been sold.

73, Joe W2KJ

Date: Sun, 1 Feb 2004 16:15:54 -0500
From: "n3drk" <n3drk@triad.rr.com>
To: "George Heron N2APB" <n2apb@clearviewcatv.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [166821] Re: "Super Kit Sunday" at AmQRP meetings this weekend
Message-ID: <01b401c3e908\$9410e050\$6400a8c0@n3drk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They may continue to provide fun and excitement but where are the 6 month
due Homebrewer Magazine?
john

----- Original Message -----

From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 01, 2004 3:39 PM
Subject: "Super Kit Sunday" at AmQRP meetings this weekend

> The American QRP Club continues to provide more fun and excitement than
> QRPers should be allowed to have with its kits, online projects and
weekend
> forums!
>
> This time, in a coast-to-coast "double-whammy", the AmQRP unveiled its two
> newest kits on this Super Bowl weekend.
>
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> Atlanticon Kit was first shown and demonstrated to about 35 QRPers in
> attendance.
>
> Then this morning at the NorCal monthly club meeting in California, the
Tin
> Ear Receiver was first shown and demonstrated to about 30 QRPers.
>
> Read and see more about both of these fun new kits at
> www.amqrp.org/kits/SuperKitSunday.html
>
> 72/73, George N2APB and Doug KI6DS
> for the American QRP Club
> www.amqrp.org
>
>
>

Date: Sun, 1 Feb 2004 16:27:42 -0500
From: "George Heron N2APB" <n2apb@clearviewcatv.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: <n3drk@triad.rr.com>
Subject: [166822] Re: "Super Kit Sunday" at AmQRP meetings this weekend
Message-ID: <00d701c3e90a\$3adc3280\$6400a8c0@n2apb1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

As the magazine's web page explains (www.amqrp.org/homebrewer), the issue is
in the mail and subscribers will be getting it as soon as the postal service
gets it to your mailbox.

~George N2APB

Date: Sun, 1 Feb 2004 16:33:59 EST
From: Ke9xq@aol.com
To: qrp-l@lehigh.edu
Subject: [166823] FS: Circuit Board Material
Message-ID: <1d8.19904f0a.2d4ecac7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Greetings

This is just a feeler, to see how much interest there is in getting some of these old boards again. I have some old single sided material here that is looking for a good home, and if there is enough interest, I'll package it up and let you know what the postage will be. This is old material, but still very good or usable stuff, and it's going to be basically free, I'll charge for the envelope and the postage. I'll find out how much it will cost to mail out probably this next Wednesday. Any interest??? Probably let me know off the list.

73 72

Bill KE9XQ

Date: Sun, 1 Feb 2004 15:40:53 -0600
From: "Craig Johnson" <cbjohns@cbjohns.com>
To: <qrp-l@lehigh.edu>, <nkennedy@tcainternet.com>, <n1bq_list@wulfdn.org>
Subject: [166824] Re: [qrp-l] Re: PIC-EL up and running - 2 questions
Message-ID: <01e601c3e90c\$11d30fb0\$6201a8c0@cbjp2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nick,

> Here's the original "2 questions" post from Brian Riley, which I think
> was answered by John Mc:

OK. I'll give them a try, just in case.

> Test point "TPA-Vpgm" measures 11.58 volts when there is 12.72 volts at
> the input., I checked over by R6 and right at D5, 11.58 volts each time
> ... Is this OK or is the zener "off" ???

I think it is OK. Probably just some voltage drop across R6, which means the zener is not really being used as a voltage limiter. The zener is only there as a precaution - to protect everything in case someone hooks up a much higher voltage power supply. You never know!

> I haven't finished my DDS daughter card so that didn't get tested ...
> Tomorrow, I hope!

OK.

> The Pushbutton test LED3 comes on immediately and stays on during the
> PB test. Pushing PB3 doesn't do anything, the others work fine. I
> powered down and checked the switch to see if it was jammed or shorted,
> the switch works fine. LED3 goes on an off appropriately during other
> phases. What does this mean??? Is it something I did or a flaw in the
> test program?

Don't know why LED3 comes on all the time. Obviously it is getting a "LOW" on the PIC pin side of the LED. Since it works OK on other tests, it must not have a short to ground. Does the LCD work? LED3 is a on one of the LCD data lines. Check the voltages on both sides of R18.

There is nothing that directly associates PB3 with LED3 - it's just programming. PB3 may well be OK. Check the voltages on both sides of R35 to make sure. Does the speaker work? If PB3 is "shorted", the speaker will not work.

73,
Craig, AA0ZZ

Date: Sun, 1 Feb 2004 16:42:11 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [166825] Elmer 160: Lesson 8
Message-ID: <015c01c3e90c\$4049bec0\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang

Lesson 8 is available at your friendly, favorite AmQRP web shop:

<http://www.amqrp.org/elmer160/lessons/>

This material may be a little more challenging, but don't despair. Lessons 9 and 11 are fairly easy.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 1 Feb 2004 17:07:53 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Flying Pigs" <fpqrp-l@fpqrp.com>,
 "QRPp-l" <QRPp-I@yahogroups.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [166826] FS: 12vdc 500 mA Power supplies
Message-ID: <00fd01c3e90f\$d7873710\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a quantity of 17 wall warts for sale. New, old stock.

Please limit one or two per order for now.

These are Panasonic Model # KX-A11 AC Adapters

Input is listed as: 120VAC 60hz 12W .1A
Output is listed as: 12vdc 500mA

They come with about 3 feet of lead wire and have what looks to me like a 2.5mm plug on them. The center is wired as negative. If that's a problem, cut the connector off and rewire it for center to be positive.

I'm asking \$5.00 for the item plus \$3.85 shipping in the USA

Let me know if you're interested.

=====
Agnus dei, qui tollis peccata mundi, dona nobis Pacem.
=====

KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w
Member of the ARRL - SOC #400
FISTS 5695 CC 764 FPQRP #-57

=====

Date: Sun, 1 Feb 2004 14:08:35 -0800
From: "Donald Jacob" <djacob1@socal.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [166827] Beacon Report addendum
Message-ID: <009b01c3e90f\$f025dba0\$6501a8c0@socal.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

KG6CYN/B
Time: 06:10 2/1/04 (UTC)
Name: Don (first only)
Call: WB5EKU (for log)
R/S: 5-4 to 5-7(readability & strength)
Grid: DM04sg(e.g., EM22cv)
City, State
North Hills, CA (San Fernando Valley)

KH6B/B
Time: 12:38 UTC
Name: Don
Call: WB5EKU
R/S: ESP to 5-4 With S5 to 6 noise
Grid: DM04sg
City, State: North Hills, Ca

Date: Sun, 1 Feb 2004 17:23:05 -0500
From: "Carr Family" <acarr@pivot.net>
To: <qrp-1@Lehigh.EDU>
Subject: [166828] Re: Need suggestions on an intermittent bug in my QROP Meter
Message-ID: <000001c3e911\$f6d0c9e0\$0100a8c0@china>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jason,

>>Correct me if I'm wrong, but it sounds like you are suggesting that I use
a
>>special switch that supplies the LM3914 its 12V of power ONLY when there
is
>>a significant input voltage. The problem with that is the switch will be
>>turning on and off many times per second when transmitting in SSB mode.

I was suggesting that you do something with pin 7. I am assuming that the
LED's
will be off when the bias current is zero. The datasheet says

" The ability to modulate LED
brightness with time, or in proportion to input voltage and
other signals can lead to a number of novel displays or ways
of indicating input overvoltages, alarms, etc."

Ron WA1VGB

End of QRP-L Digest 3183

